ORDER NO. ACED070201C7
C7

Service Manual

AUTOMOTIVE AFTERMARKET

CQ-VD5005U
CQ-VD5005L

In-Dash 7” Widescreen Color LCD Monitor/DVD Receiver

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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1 Service Navigation

1.1. About Lead Free Solder (PbF)

Distinction of PbF PCB :

- PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.

Caution :

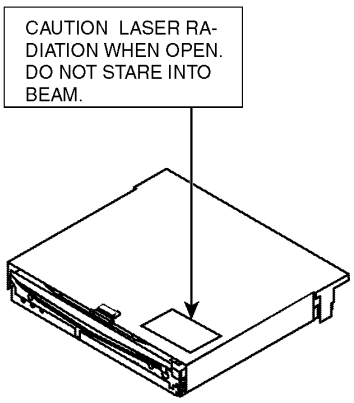
- Pb free solder has a higher melting point than standard solder; Typically the melting point is 50 - 70°F (30 - 40°C) higher. Please use a soldering iron with temperature control and adjust it to 700 ± 20°F (370 ± 10°C). In case of using high temperature soldering iron, please be careful not to heat too long.
- Pb free solder will tend to splash when heated too high (about 1100°F/600°C)
- This lead free solder will be used for the products after serial No. 1,000,001.

1.2. Laser Products

CAUTION:

This product utilizes a laser diode with the unit turned "on", laser radiation is emitted from the pickup lens.
Laser radiation from the pickup lens is safety level, but be sure the followings:

1. Do not disassemble the optical pickup unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pickup lens for a long time.



Deck Ass'y (Upper Side)

Caution
This Product utilizes a laser.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1.3. Replacing the Fuse

Use fuses of the same specified rating 15 amps. Using different substitutes or fuses with higher ratings, or connecting the unit directly without a fuse, could cause fire or damage to the stereo unit.

1.4. Maintenance

Your product is designed and manufactured to ensure a minimum of maintenance. Use a dry, a soft cloth for routine exterior cleaning. Never use benzine, thinner or other solvents.

1.5. Notes

[RADIO BLOCK]

Do not align the AM/FM package block. When the package block is necessary, it will be supplied already aligned at the factory.

[DVD DECK BLOCK]

This model has no servo alignment points because microcomputer controls the servo circuit.

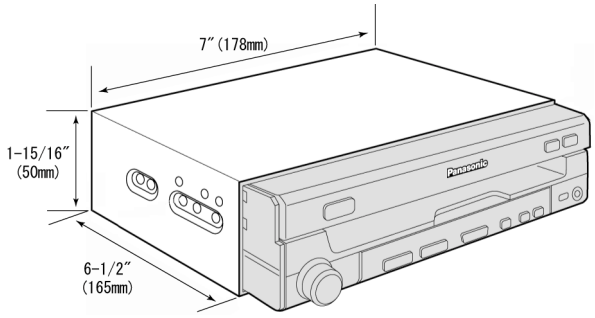
2 Specifications

2.1. Specifications*

General	
Power Supply	DC 12V (11V - 16V) Test Voltage 14.4V Negative Ground
Current Consumption	Less than 10A (during disc playback)
Maximum Power Output	45 W x 4CH
Power Output	18 W x 4CH
Compatible Speaker Impedance	4 Ω
Video Input Signal	Composite video signal, 1.0 Vp-p (75 Ω)
Audio Input Sensitivity	2 Vrms
Video Output Signal	Composite video signal, 1.0 Vp-p (75 Ω)
Pre-Amp Output Voltage	2 Vrms
Pre-Amp Output Impedance	Less than 600 Ω
Dimensions (W×H×D)**	178×50×165mm (7”×1-15/16"×6-1/2")
Weight**	2.4 kg {5 lbs. 5 oz.}
Front AV input (AV1 IN)	
Input Impedance	47 kΩ
Allowable External Input	2.0 V
Connector	3.5 mm stereo mini pin (Equipped with video input terminal)
Audio Input Sensitivity	2 Vrms
Video Output Signal	Composite video signal, 1.0 Vp-p (75 Ω)
FM stereo radio	
Frequency Range	87.9 MHz - 107.9 MHz
Usable Sensitivity	12.2 dBf
Stereo Separation	30 dB (at 1 kHz)
S/N ratio	62 dB
AM Radio	
Frequency Range	530 kHz - 1710 kHz
Usable Sensitivity	28 dB/μV
Image Rejection Ratio	50 dB
Audio section	
Output Voltage/Impedance	2 Vrms/600 Ω
Frequency Characteristics	20 Hz-20 kHz (±1 dB)
Dynamic Range	96 dB (during CD playback)
S/N ratio	95 dB (during CD playback)
Monitor	
Liquid Crystal Panel	7” wide
Screen	154×87×177 mm (6-1/16”×3-7/16”×6-15/16")
Dimensions (W×H×D)**	
Number of Pixels	336 960 pixels (234 vertical × 480 horizontal × 3)
Valid Pixel Ratio	Over 99.99%
Display Method	Transparent color filter format
Drive Method	TFT (Thin Film Transistor) active matrix format

* Specifications and the design are subject to possible modification without notice due to improvements.
** Dimensions and Weight shown are approximate.
*** Above specifications comply with EIA standards.

2.2. Dimensions



3 Features

- Integration of the monitor, FM/AM radio, DVD Video/Video CD player and CD/MP3/DivX player.
- Built-in AV Input/Output Terminals.
- SQ3 (3-Band Sound Quality).
- GUI (Graphic User Interface).
- Disc type auto-detection.
- Touch Panel Operation.
- DVD-R, DVD-RW Playback.
- ID code.
- Differences Between 2 Models.

This operating instruction manual is for 2 models CQ-VD5005U and CQ-VD5005L.
The following table shows the playable region number for each model.

Model	Playable region number
CQ-VD5005U	**1** (ALL)
CQ-VD5005L	**4** (ALL)

4 Technical Descriptions

4.1. Terminals Description

4.1.1. Main Block

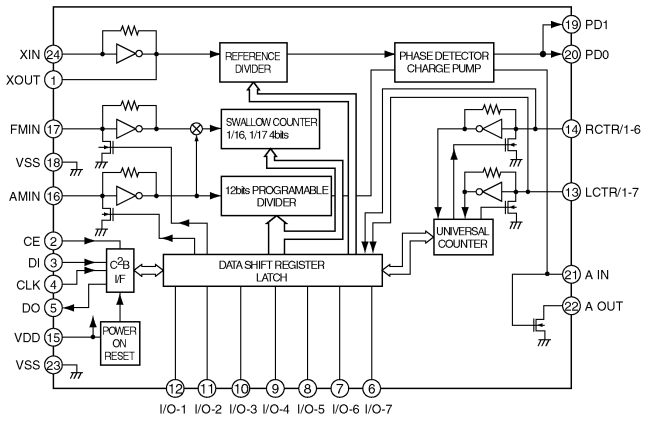
IC601 ：UPD70F32XXXB

Pin No.	Port	Description	I/O	Vol (V)		
				FM	AM	DVD
1	AVREF0	Reference voltage for A/D converter	-	3.3	3.3	3.3
2	AVSS	Ground for A/D converter	-	0	0	0
3	FREQ_CNT	Output for control of frequency of DCDC	O	1.5	1.5	1.5
4	TFT_RST	RESET of TFT	O	3.3	3.3	3.3
5	AVREF1	Reference voltage for A/D converter	-	3.3	3.3	3.3
6	MONI_CNT	TFT monitor power supply control output	O	2.5	2.5	2.5
7	Touch_SW	Switch output for touch panel SW detection	O	2.8	2.8	2.8
8	IC/FLMD0	Flash memory update control	-	0	0	0
9	VDD	+3.3V power supply	-	3.3	3.3	3.3
10	REGC	Bypass capacitor terminal for voltage reg.	-	2.5	2.5	2.5
11	VSS	Ground	-	0	0	0
12	X1	Crystal osillator terminal for Main	I	1.2	1.2	1.2
13	X2	Crystal osillator terminal for Main	-	1.3	1.3	1.3
14	RESET	System reset	I	3.3	3.3	3.3
15	XT1	Crystal osillator terminal for Sub	I	0	0	0
16	XT2	Not connected	-	-	-	-
17	X+	Transistor SW output for touch panel X respect + pole	O	3.3	3.3	3.3
18	Y+	Transistor SW output for touch panel Y respect + pole	O	3.3	3.3	3.3
19	X-	Transistor SW output for touch panel X respect-pole	O	0	0	0
20	Y-	Transistor SW output for touch panel Y respect-pole	O	0	0	0
21	INV_PWR	Inverter power supply control output for monitor	O	3.3	3.3	3.3
22	D_SDA	I2C clock 2	O	3.3	3.3	3.3
23	D_SCL	I2C data 2	O	3.3	3.3	3.3
24	N.C.	-	-	0	0	0
25	RDS_DATA	Not connected	-	-	-	-
26	RDS_CLK	Not connected	-	-	-	-
27	LED_ON	LED control for SW substrate	O	3.3	3.3	3.3
28	REMO_DATA	External remote control signal input	I	3.3	3.3	3.3
29	REMO_OUT	Remote control code output	O	3.3	3.3	3.3
30	REQUEST	I2C communication request (DVD module)	O	0.1	0.1	0.1
31	NEJECT	Output for compulsion eject	O	3.3	3.3	3.3
32	LOADSW	Loading SW	I	0	0	0
33	EVSS	Grand potential for external	-	0	0	0
34	EVDD	Positive power supply for external	-	3.3	3.3	3.3
35	I2C_DATA	I2C bus data output/ACK detection	O	3.3	3.3	3.3
36	I2C_CLK	I2C bus clock output	O	3.3	3.3	3.3
37	BEEP	Beep correspondence title output	O	0	0	0
38	CN_DET1	Input 1 for connector connection confirmation	I	0	0	0
39	PLL_CE	Chip enable output for PLL_IC communication	O	0	0	0
40	PLL_SI	Cereal data input for PLL_IC communication	I	3.3	3.3	3.3
41	PLL_SO	Cereal data output for PLL_IC communication	O	0	0	0
42	PLL_CLK	Cereal clock output for PLL_IC communication	O	3.3	3.3	3.3
43	E_SDA	I2C clock 2	O	3.3	3.3	3.3
44	E_SCLK	I2C data 2	O	3.3	3.3	3.3
45	MVR_DC	PWM output for mechanism control	O	3.7	3.7	3.7
46	PULSE	Monitor start-up position detection pulse signal input	I	5.1	5.1	5.1
47	DECK_RST	Reset output of DVD module	O	3.3	3.3	3.3
48	FRG_IN	Input for frequency count of DCDC	I	1.5	1.5	1.5
49	SRC_LED	SRC button LED	O	3.3	3.3	3.3
50	SRC_KEY	SOURCE key detection	I	3.3	3.3	3.3
51	SD	Input for electric field strength detection	I	5.2	5.2	4.5
52	SYS_MUTE	System mute signal output	O	0	0	0
53	PR4_SI	Disc Chucking SW	I	3.3	3.3	3.3
54	PR4_SO	Inner Limit SW	I	0	0	0.35
55	PR4_SCK	8cm Eject SW Output or Forced Eject Input	I/0	3.3	3.3	3.3
56	BATT_SENSE	Battery level detection	I	3.3	3.3	3.3
57	ACC_SENSE	ACC level detection	I	5.4	5.4	5.4
58	PANEL_DET	Input for Detatchapanel detection	I	0	0	0
59	SYS_PWR	System power control	O	3.3	3.3	3.3
60	VideoSW1	SW1 for VideoSW switch	O	3.3	3.3	3.3
61	VideoSW2	SW2 for VideoSW switch	O	3.3	3.3	0
62	FAN_CNT	FAN motor power supply control	O	3.3	3.3	3.3
63	REVERSE	Reverse detection	I	3.3	3.3	3.3
64	EJECT_LED	EJECT button LED	O	0	0	0
65	SIDE_BRAKE	Parking brake detection	I	0	0	0
66	NC	Insertion entrance LED control when 2Din opens	O	0	0	0
67	AMP_CNT	Amplifier control output	O	3.3	3.3	3.3
68	ANT_CNT	Antenna control output	O	3.3	3.3	0
69	BVSS	Ground for bus I/F	-	0	0	0
70	BVDD	Power supply for bus I/F	-	3.3	3.3	3.3
71	PUSH_SW	Signal input for rotary SW	I	3.3	3.3	3.3
72	ROTARY.1	Rotary encoder signal (VOL UP)	I	3.3	3.3	3.3
73	ROTARY.2	Rotary encoder signal (VOL DOWN)	I	3.3	3.3	3.3
74	INIT_DET_2	Destination detection 2	I	0	0	0
75	INIT_DET_1	Destination detection 1	I	0	0	0
76	FLMD1	-	-	0	0	0
77	REMO_CUT	External remote control output stop signal output	O	0	0	0
78	HSD	P.IC abnormality detection check	I	3.3	3.3	3.3
79	AMP_STB	Built-in power amplifier control output	O	0	0	0
80	AMP_MUTE	Built-in power amplifier mute output	O	0	0	0
81	FRAM_HOLD	Not connected	-	-	-	-
82	FRAM_CLK	Not connected	-	-	-	-
83	FRAM_DO	Not connected	-	-	-	-
84	FRAM_CS	Not connected	-	-	-	-

Pin No.	Port	Description	I/O	Vol (V)		
				FM	AM	DVD
85	FRAM_WP	Not connected	-	-	-	-
86	FRAM_DI	F_RAM cereal data input	O	3.3	3.3	3.3
87	Tilt_LED	Tilt button LED	O	3.3	3.3	3.3
88	MA	Mechanism control terminal MA	O	3.3	3.3	3.3
89	MB	Mechanism control terminal MB	O	3.3	3.3	3.3
90	MC	Mechanism control terminal MC	O	3.3	3.3	3.3
91	CN_DET2	Input 2 for connector connection confirmation	I	0	0	0
92	POSI_SENSE	Monitor position voltage signal input	I	2.4	2.4	2.4
93	VSM	Tuner S meter input	I	2.2	1.3	1.1
94	AD_KEY1	AD_KEY input 1	I	3.3	3.3	3.3
95	AD_KEY2	AD_KEY input 2	I	3.3	3.3	3.3
96	AD_KEY3	AD_KEY input 3	I	3.3	3.3	3.3
97	XG	Touch panel X respect-pole	I	0	0	0
98	YG	Touch panel Y respect-pole	I	0.7	0.7	0.7
99	XR	Touch panel X respect + pole	I	0	0	0
100	YR	Touch panel Y respect + pole	I	0.7	0.7	0.7

4.2. IC Block Diagram

4.2.1. Main Block



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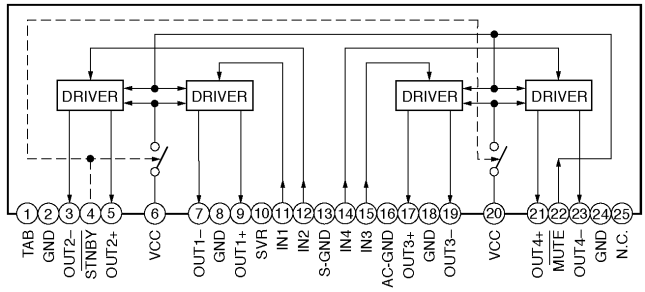

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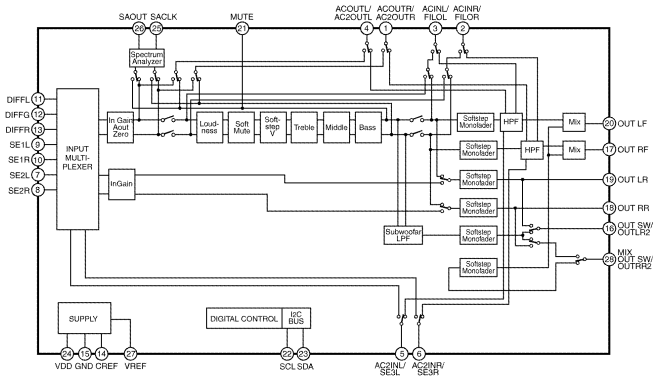
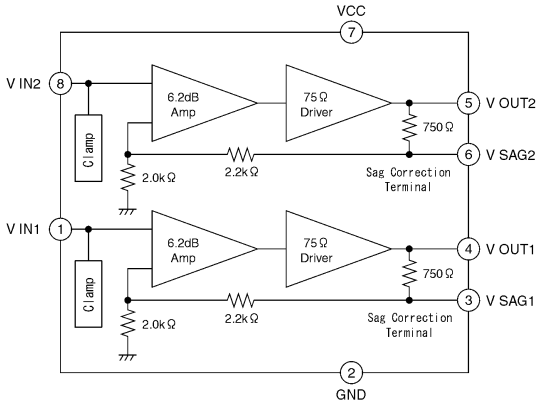
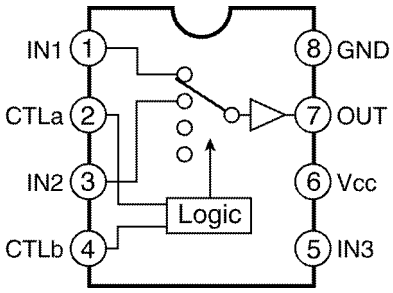


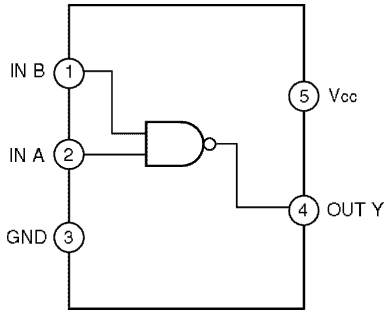
IC202 : C1BB00001132



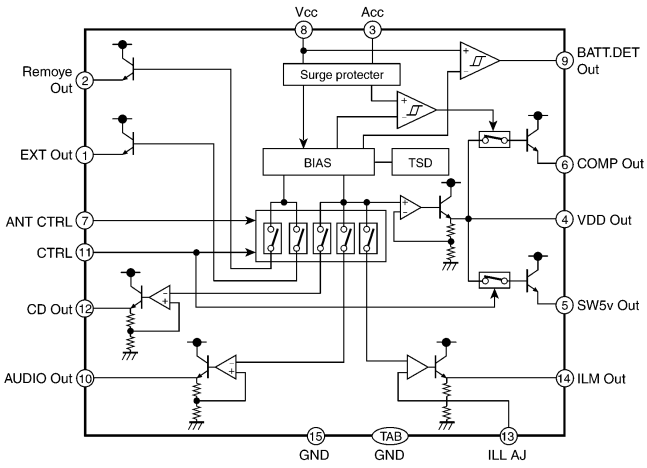
IC381 : C1AB00000163



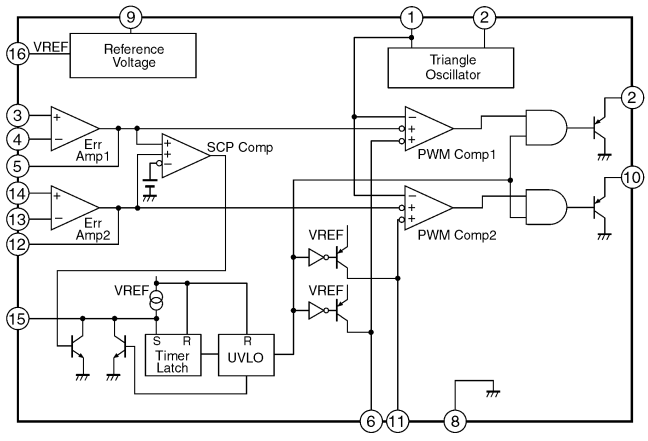
IC382 : C1AB00000084



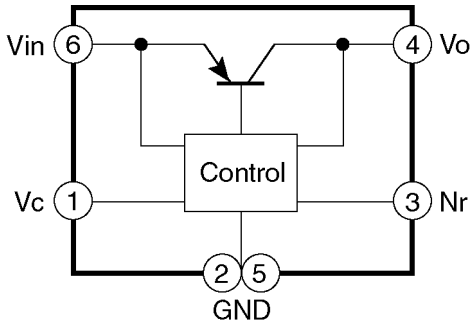
IC604 : C0JBAC000390



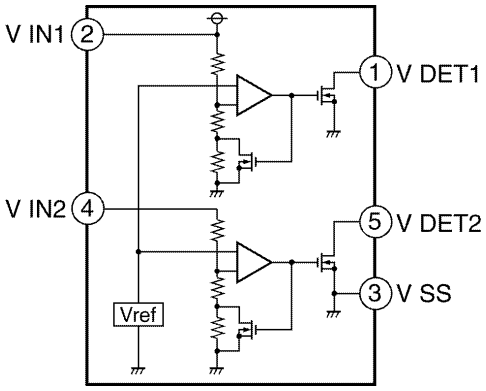
IC701 : C0DAZHF00004



IC702 : C0DBAZC00010



IC703 : C0CBABC00160



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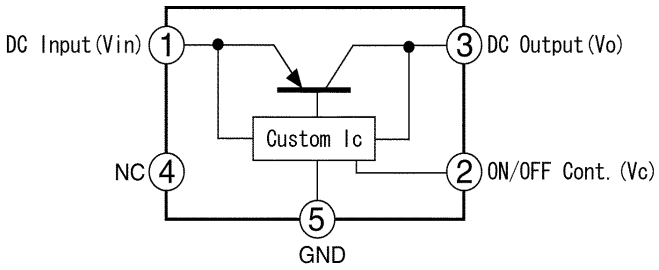
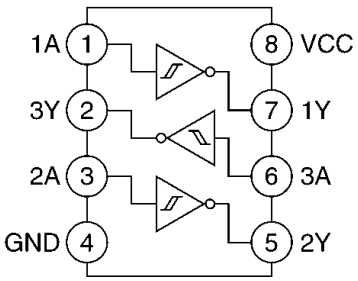
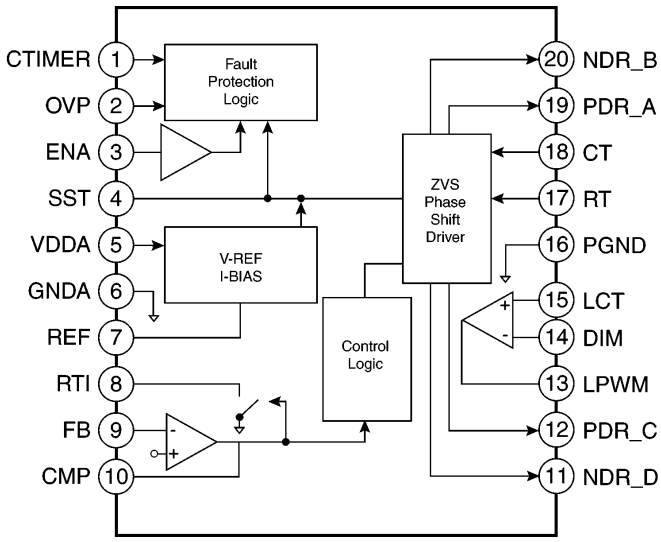


IC706 : C0DBCFG00003

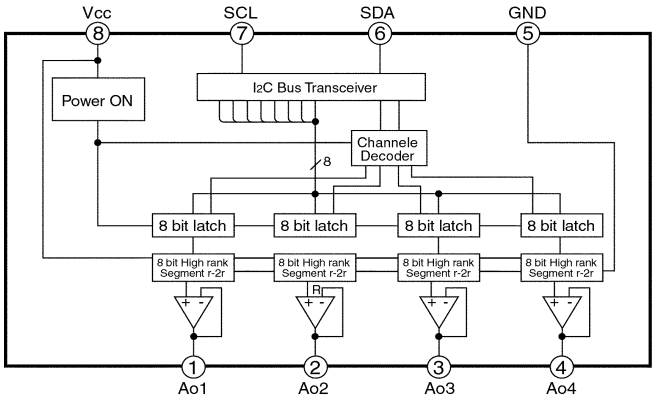


IC710 : C0JBAZ000525

4.2.2. TFT Block

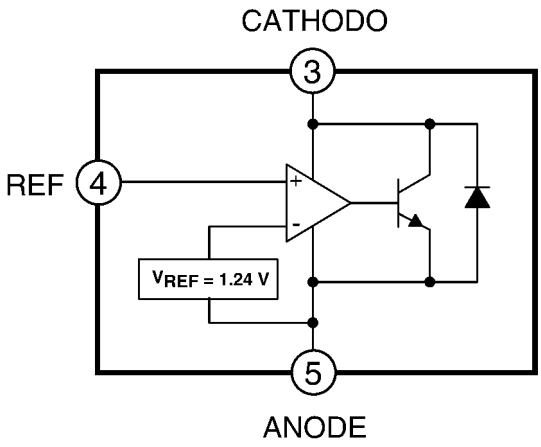


IC451 : C0DBAZA00017

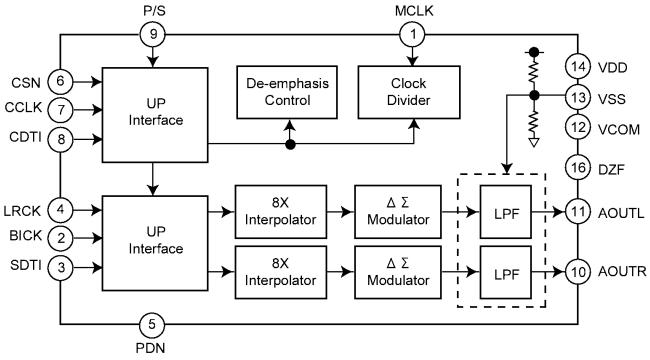


IC452 : C0FBBD000065

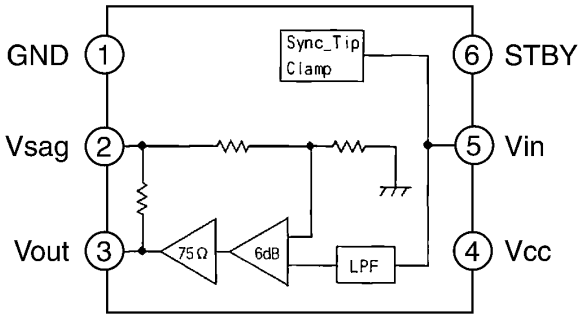
4.2.3. DVD Servo Block



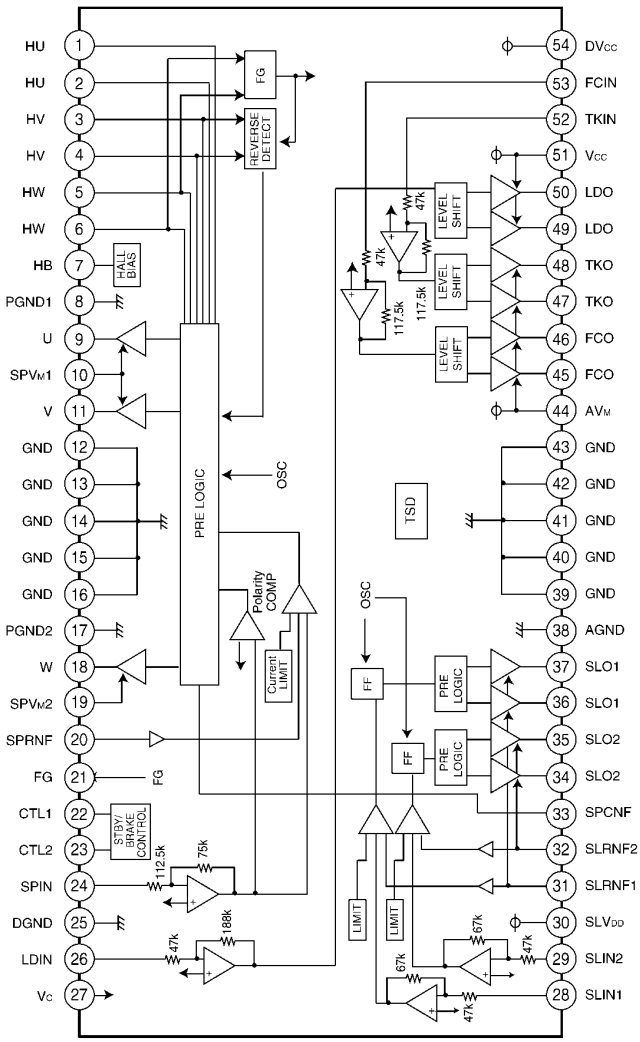
IC104 : YESAM370



IC105 : YESAM294



IC107 : YESAM364



IC301 : YESAM405

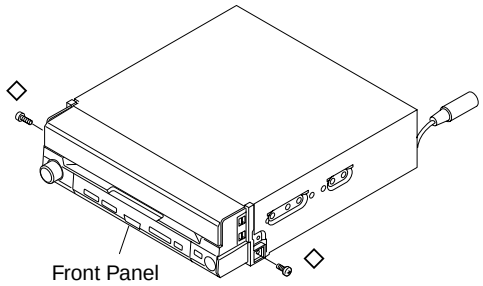
5 Disassembly and Assembly Instructions

5.1. How to Remove the Flexible PCB

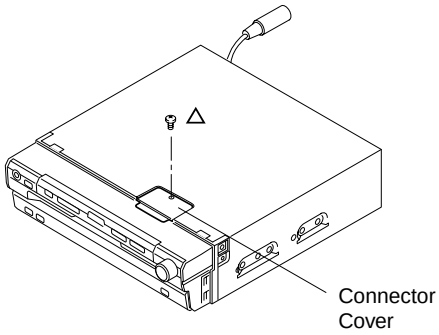
Disassembly of Display Unit

■ Front Panel

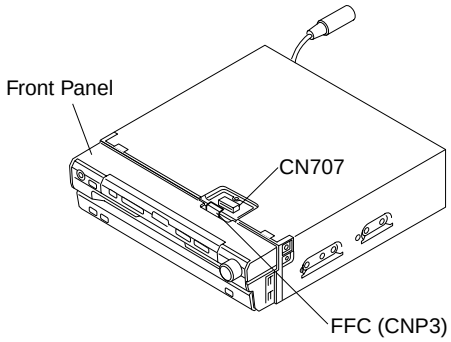
. Remove the two screws(◇) from the Front Panel.



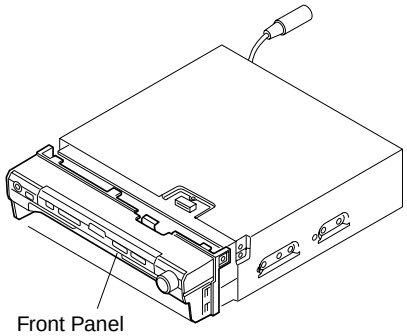
2. After removing the screw (△) from the bottom side, remove the Connector Cover.



3. Disconnect the FFC (CNP3), which is connected to the Front Panel, from CN707 on the Main PCB (E-3173Aa).

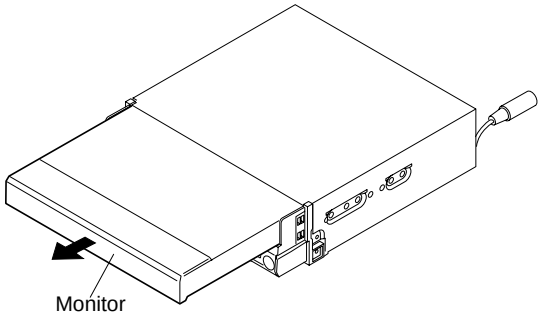


4.Remove the Front Panel.

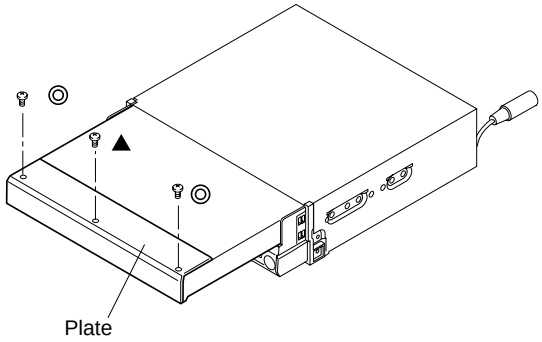


■ Monitor

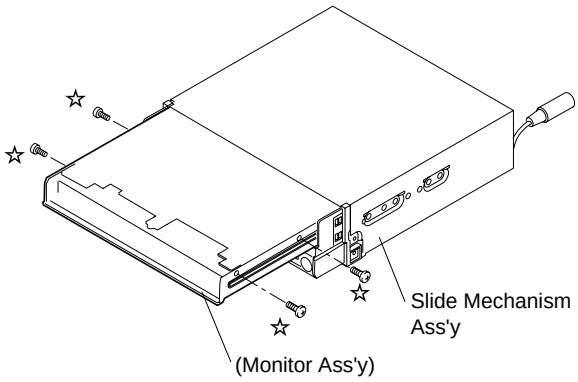
1. Pull out the Monitor to the arrow direction.



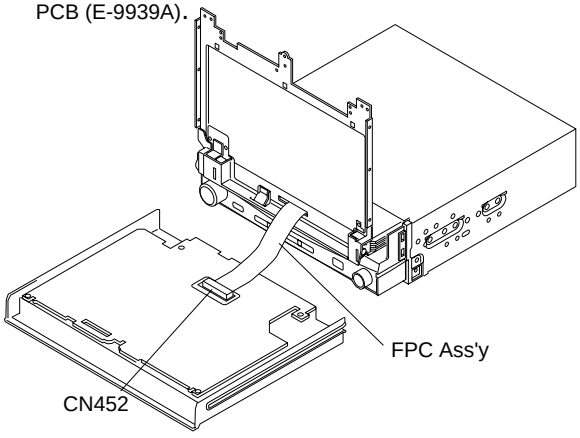
2. After removing the two screws (◎) and one screw (▲), remove the Plate.



3. After removing the four screws (☆), remove the Monitor Ass'y.



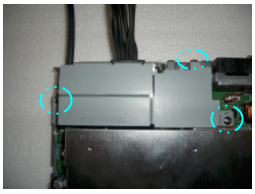
4. Disconnect the FPC Ass'y from CN452 on the TFT PCB (E-9939A).



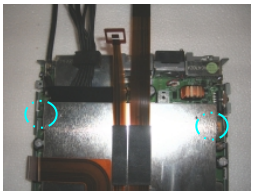
5.2. How to Disassemble & assemble

How to disassemble

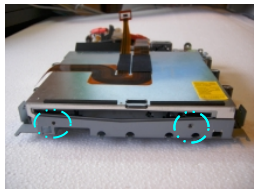
First take off the monitor block and must be as shown above.



Remove the screws from the 3 spots as shown above labled with circles.



Take off the metal that fixes the connecter and remove the screws from the 2 spots labled with circles.



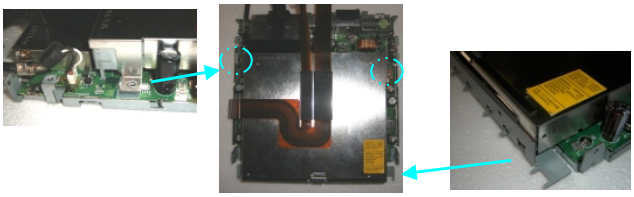
Remove the screws from the 2spots labled with circles.

Must be situated as shown above then remove the locks on the flat cable of the deck.

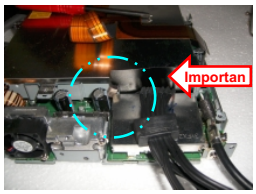
Remove the deck block and it is done.

How to assemble

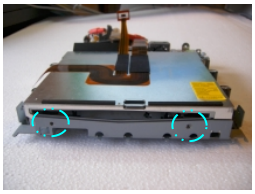
Insert the flat cable.
(Caution for inserting diagonally)



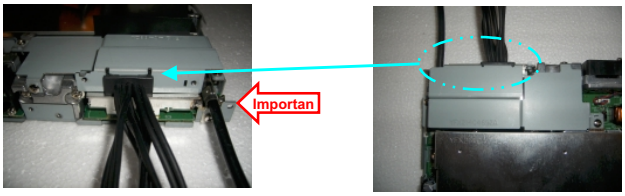
Match the mounting spots of the deck ass'y and fasten them with 2 screws.
The deck ass'y must be inside the front plate of the under cover.



With pad on the rear side of the deck ass'y, there must me no gap between the deck ass'y and the tuner shield case.



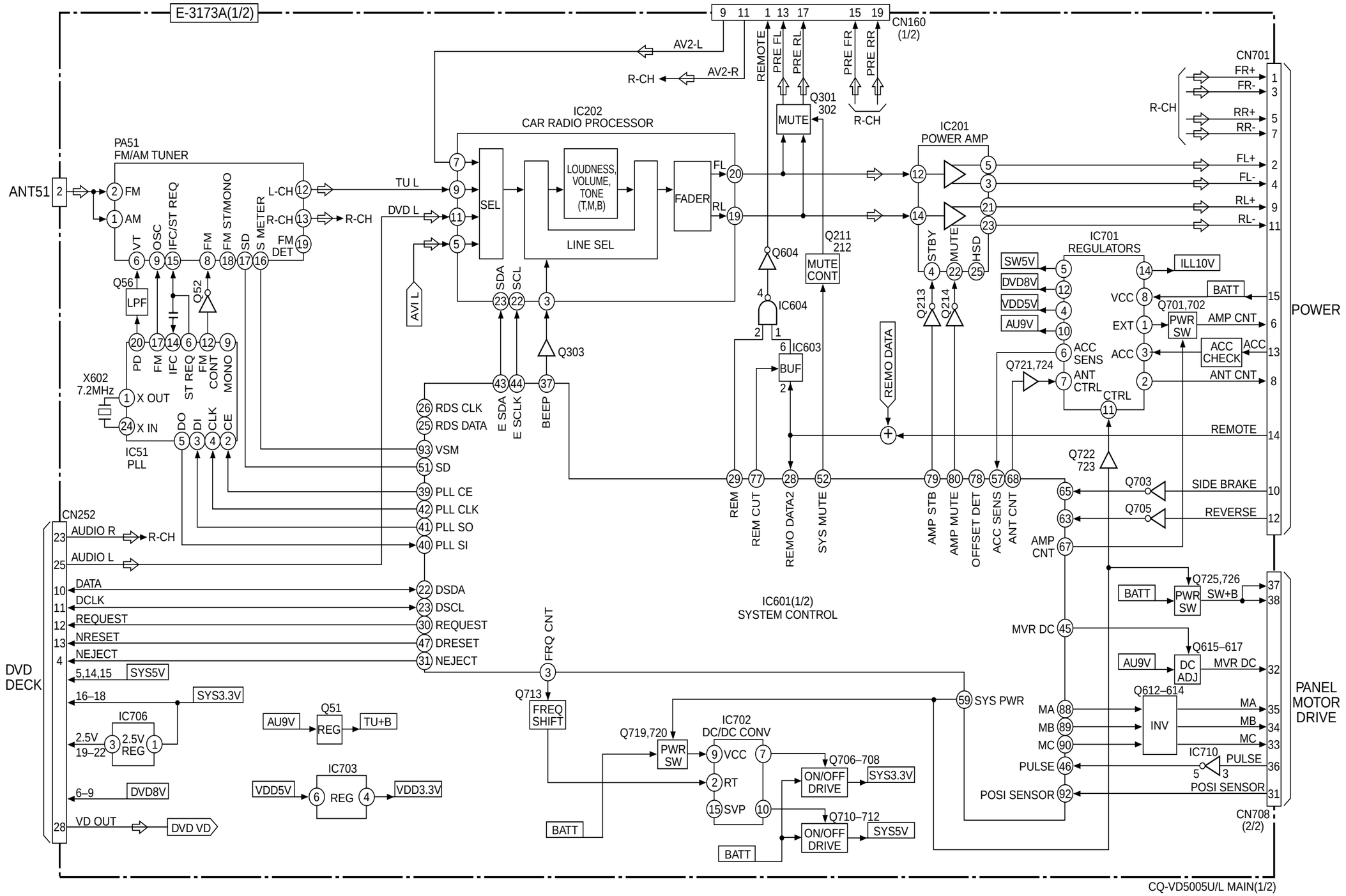
Fasten the 2 parts labeled with a circle with screws.



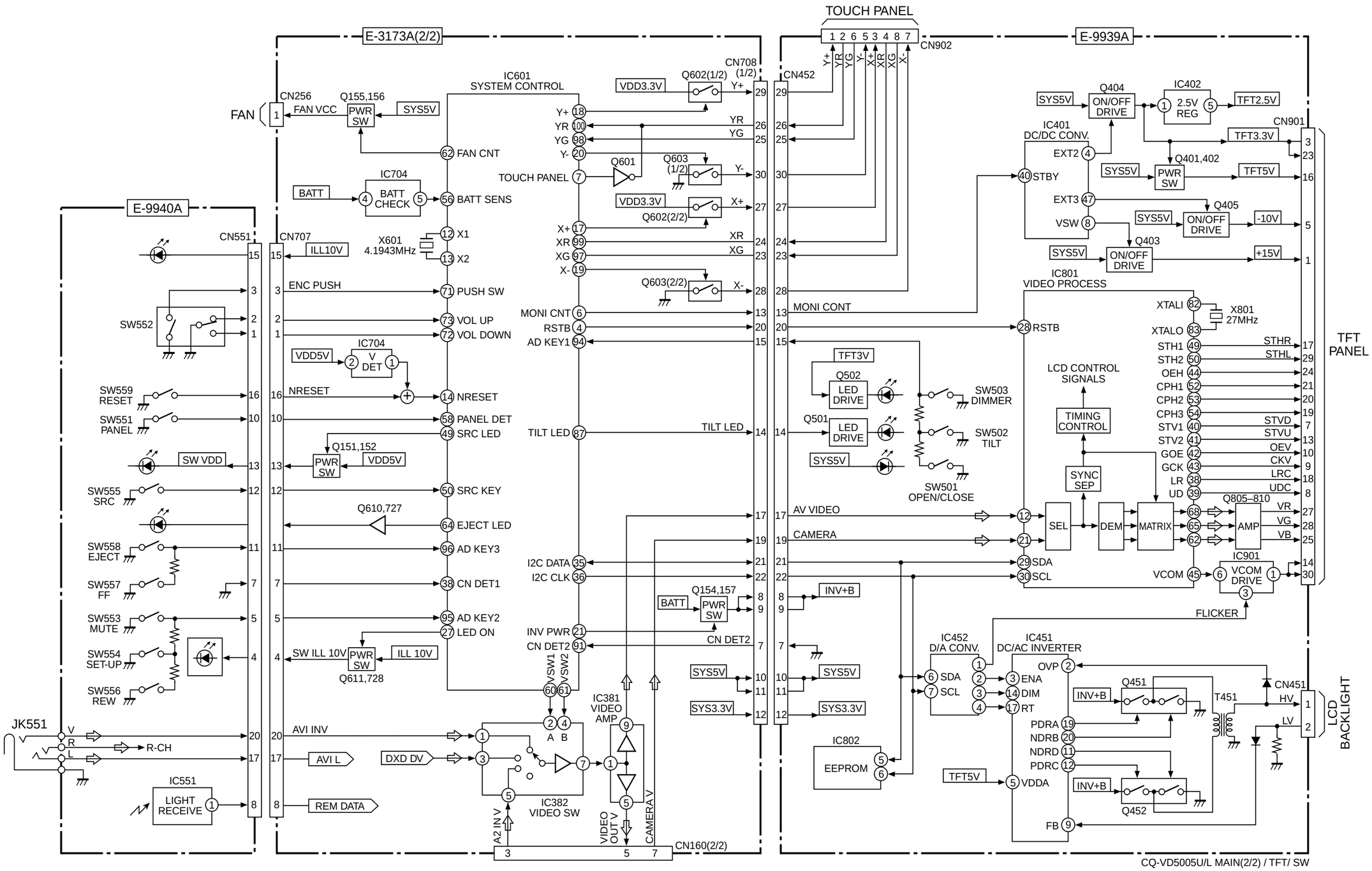
Match the connector bracket with the slit of the RCA cord ass'y and fasten them with 3 screws.
Do not let the ANT receptacle wires get jammed.

6 Block Diagram

6.1. Main-1 Block

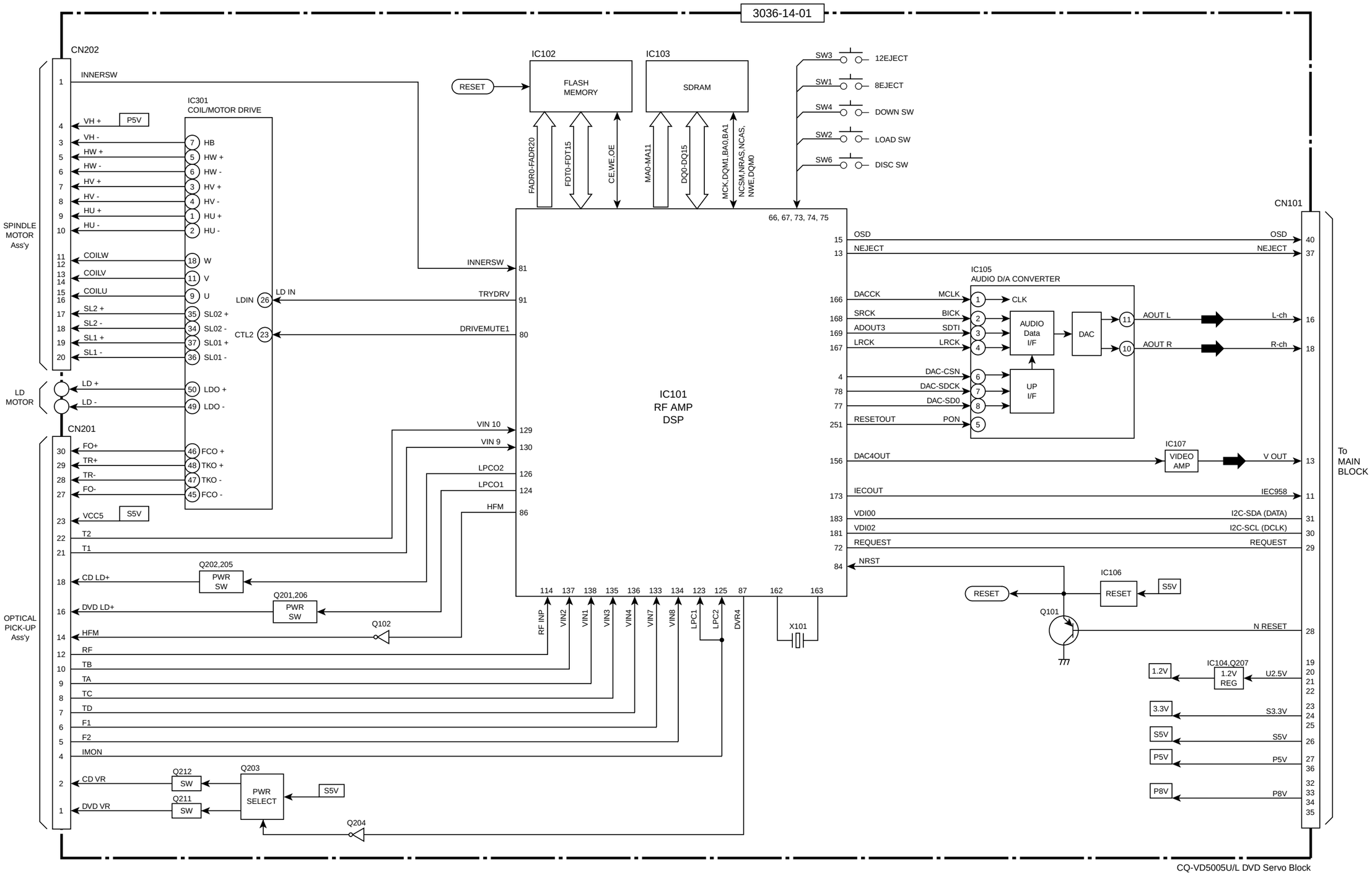


6.2. Main-2/TFT/SW Block



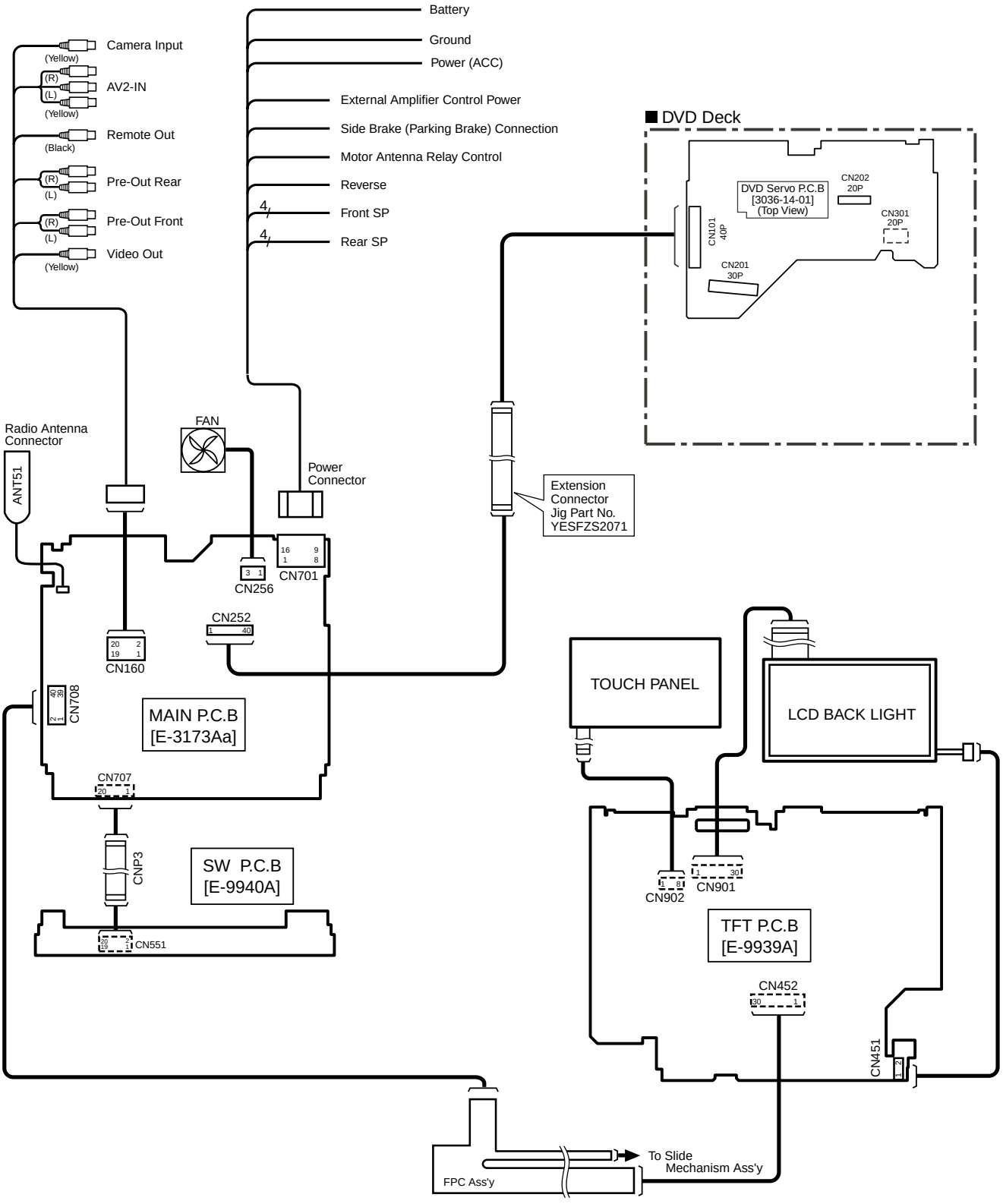
CQ-VD5005U/L MAIN(2/2) / TFT/ SW

6.3. DVD Servo Block



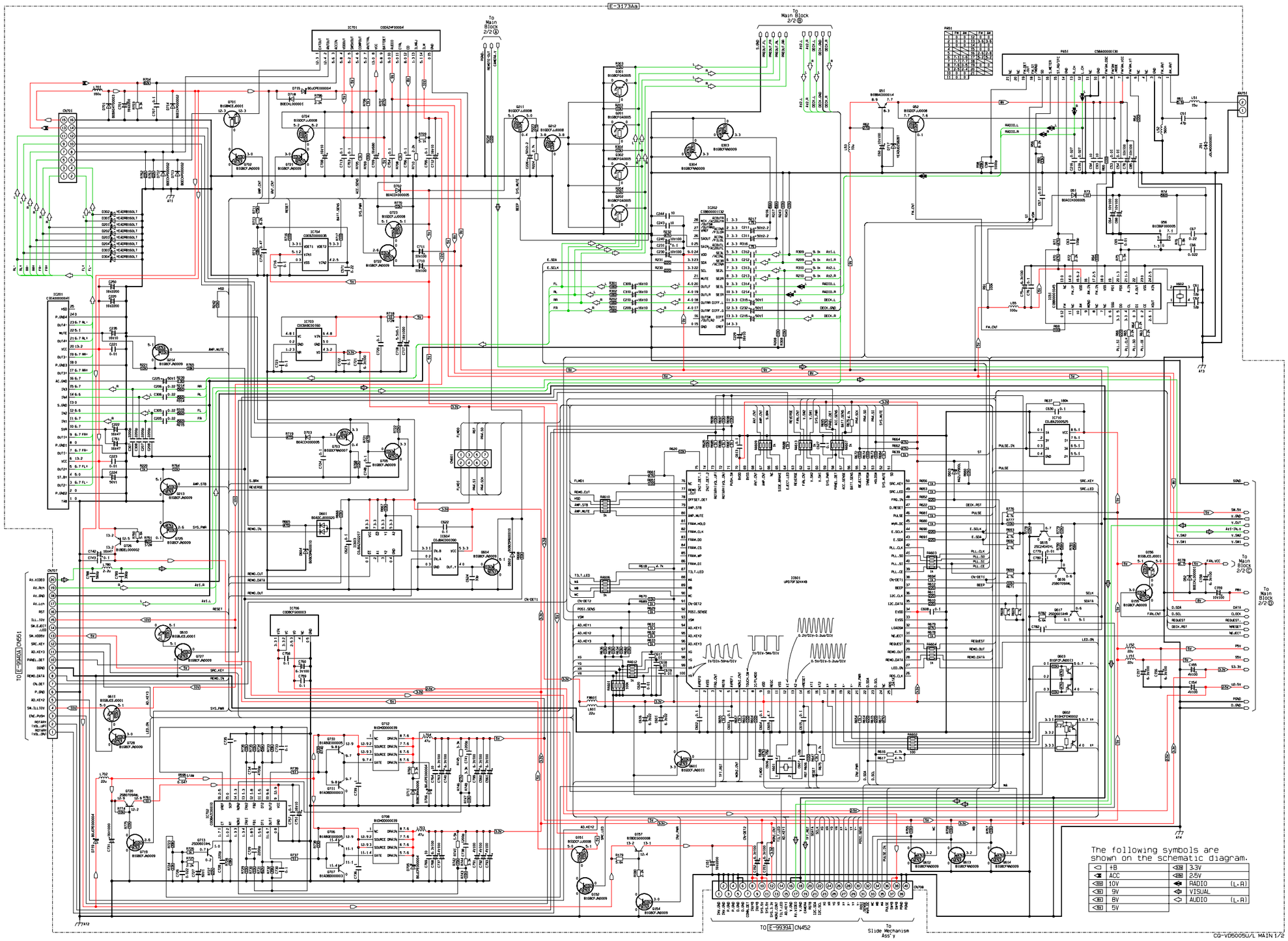
CQ-VD5005U/L DVD Servo Block

7 Wiring Connection Diagram

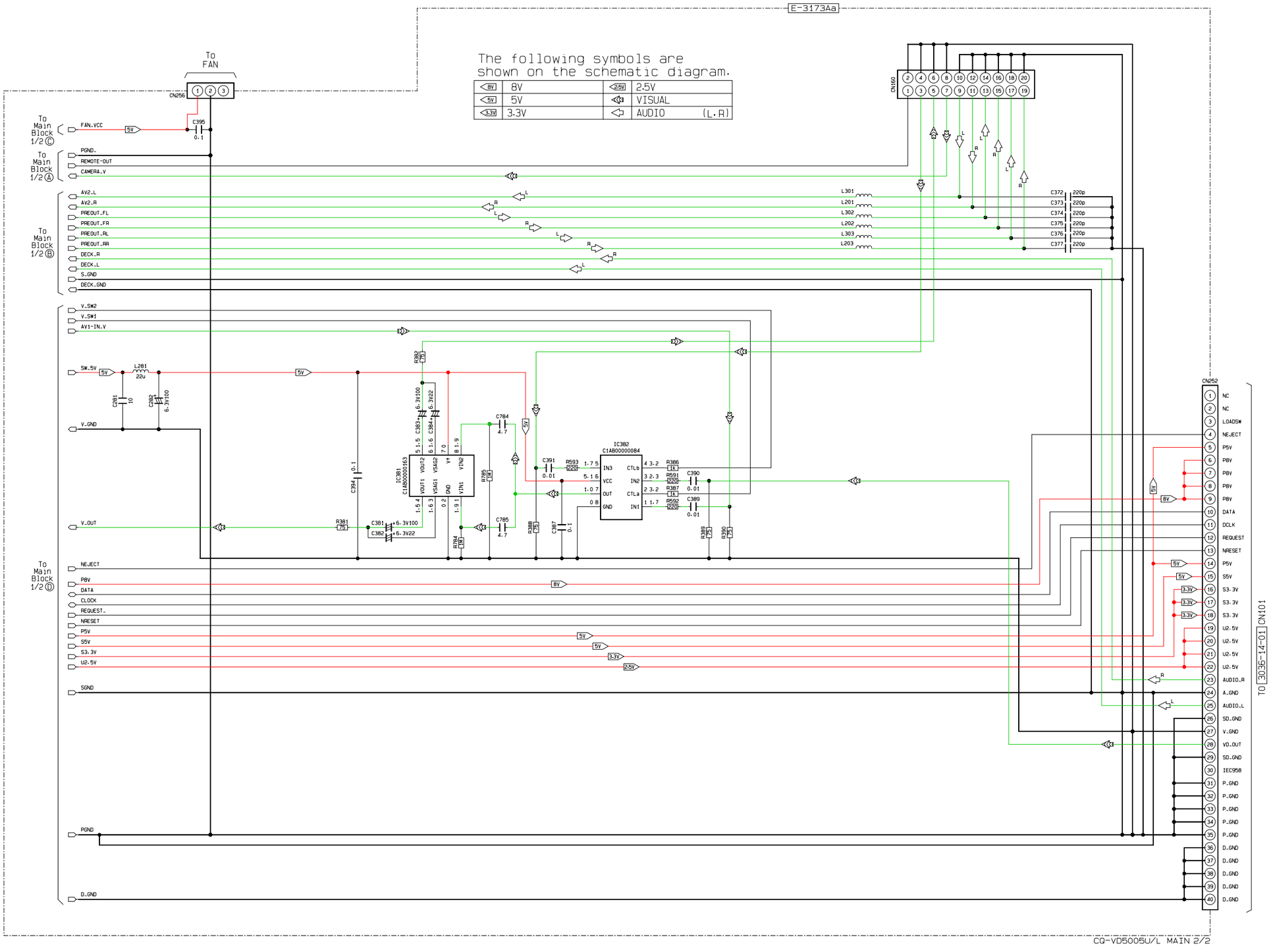


8 Schematic Diagram

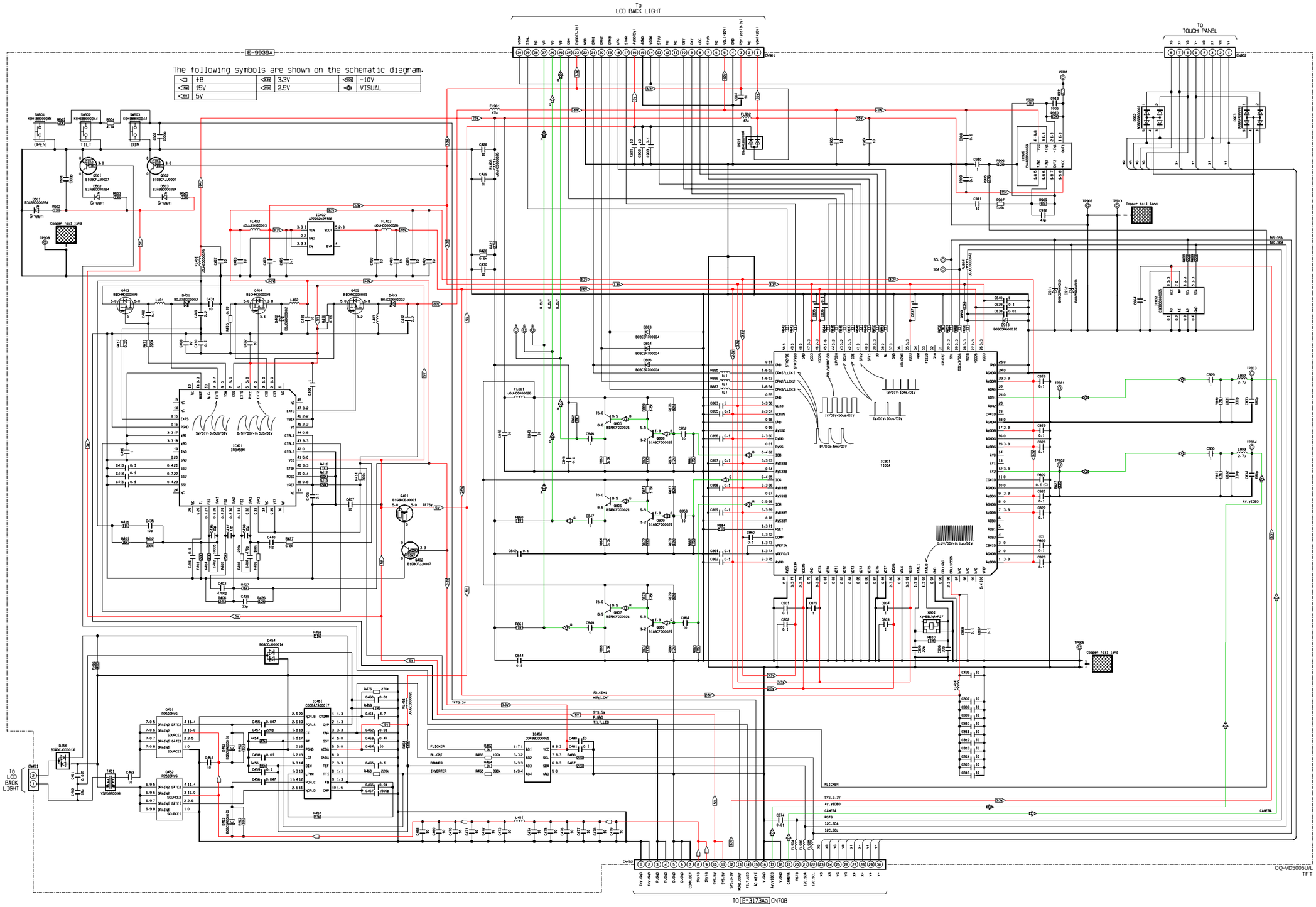
8.1. Main-1 Block



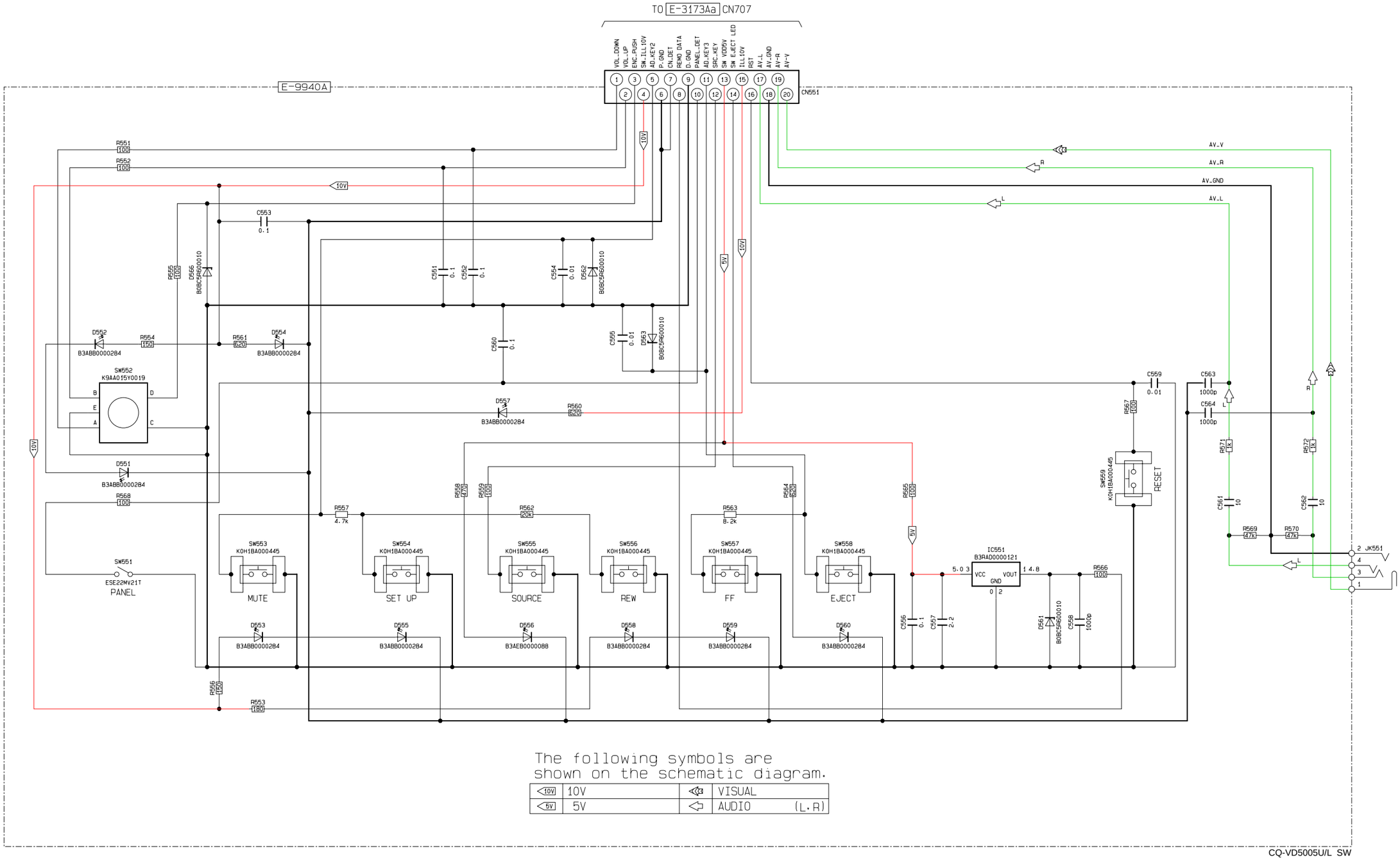
8.2. Main-2 Block



8.3. TFT Block

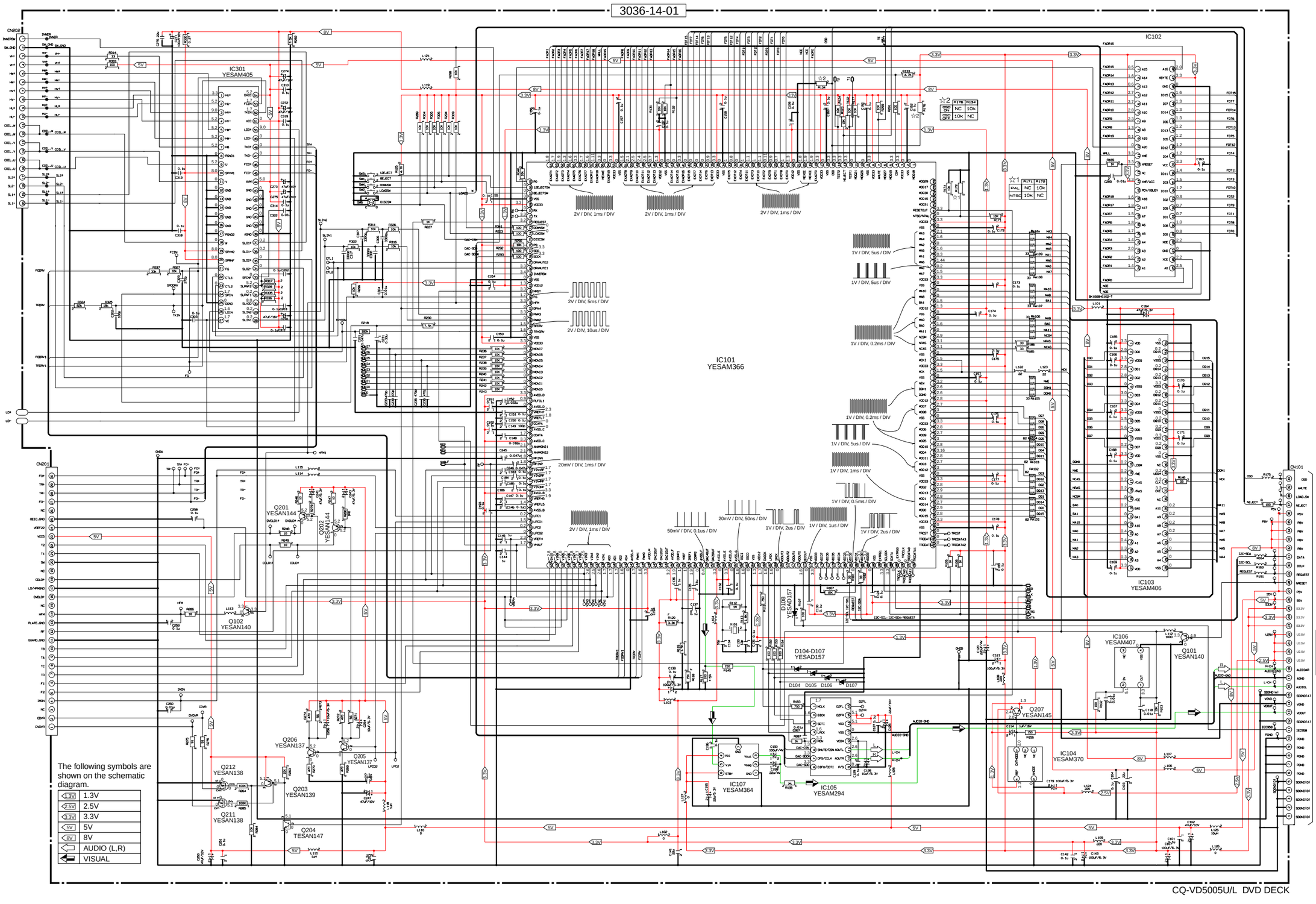

To
LCD BACK LIGHT
To
TOUCH PANEL
The following symbols are shown on the schematic diagram.
+B
3.3V
-10V
15V
2.5V
VISUAL
5V
OPEN
TILT
DIM
Green
Copper foil land
I2C.SCL
I2C.SDA
4V.VIDEO
CAMERA
FLICKER
SYS.3.3V
RSTB
AD.KEY1
MONI.CONT
SYS.5V
P.GND
TILT.LED
DIMMER
BL.ON/
INVERTER
TFT3.3V
To
LCD
BACK
LIGHT
CQ-VD5005UL
TFT
TO E-3173A CN708

8.4. SW Block



CQ-VD5005U/L SW

8.5. DVD Servo Block

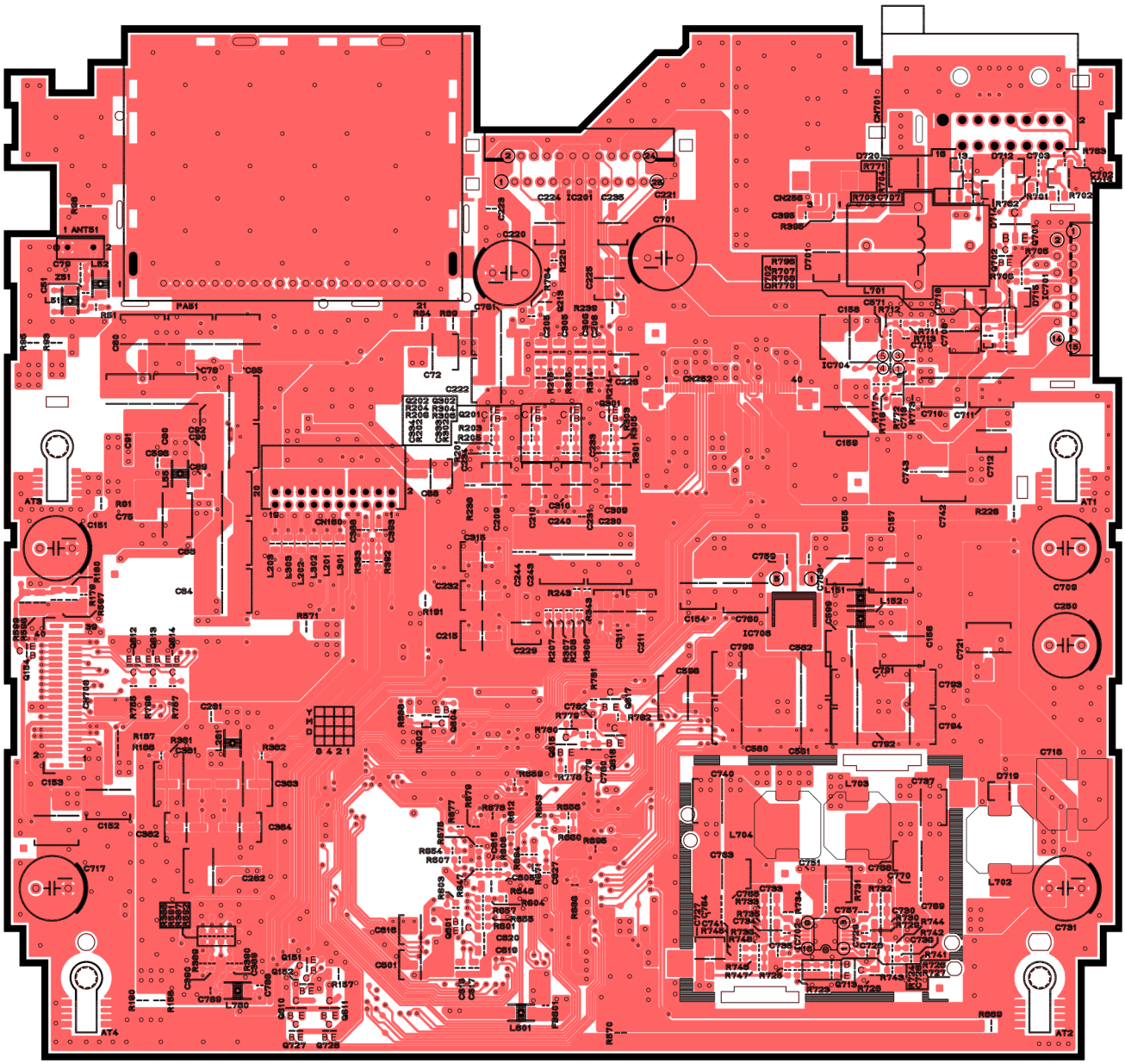


The following symbols are shown on the schematic diagram.

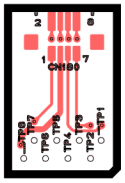
1.3V	1.3V
2.5V	2.5V
3.3V	3.3V
5V	5V
8V	8V
	AUDIO (L,R)
	VISUAL

9 Printed Circuit Board

9.1. Main Block (Top View)



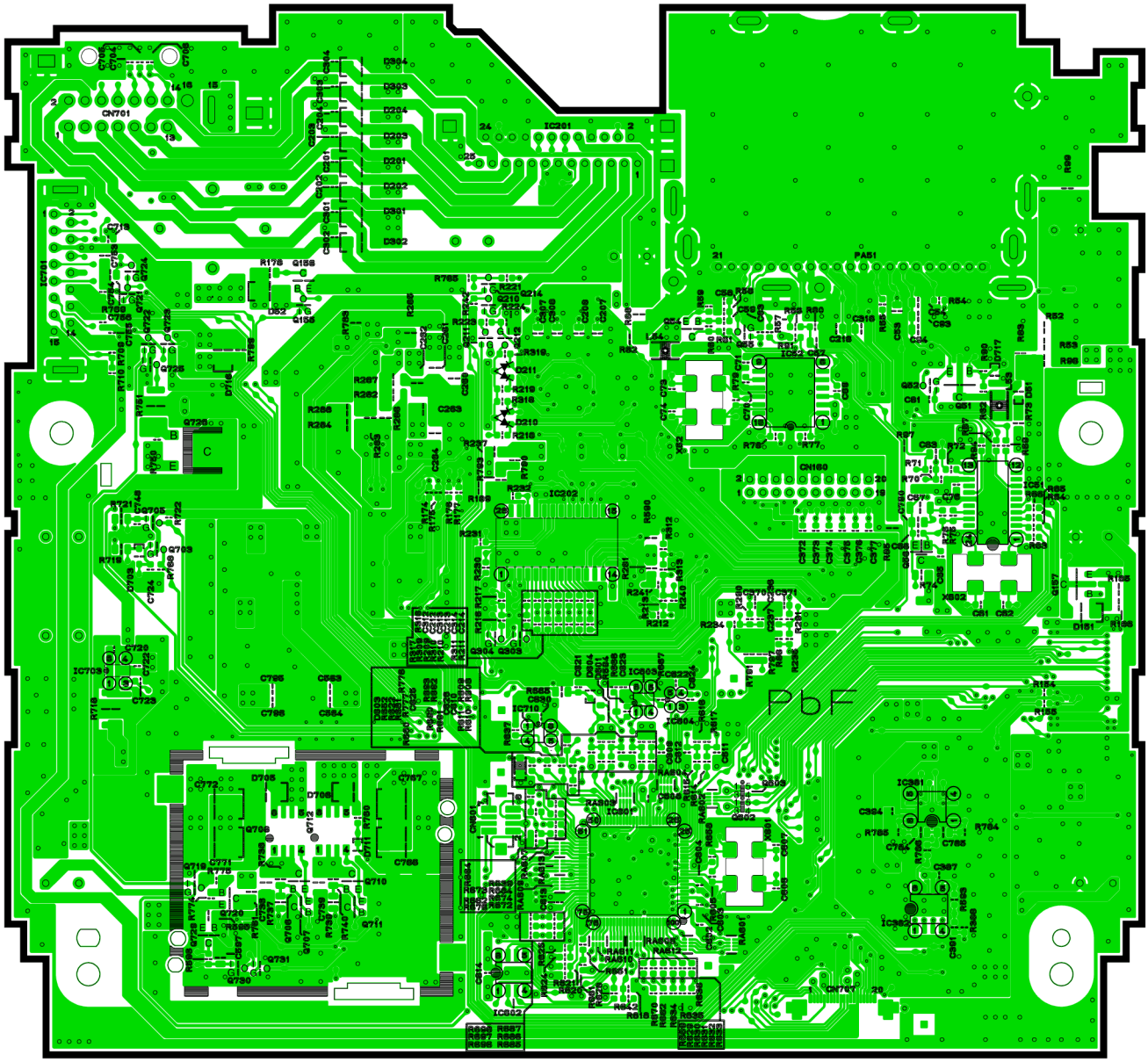
[E-3173Aa][Top View]



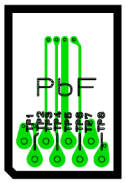
[E-3173Ab]
[Top View]

CQ-VD5005U/L MAIN P.C.B

9.2. Main Block (Bottom View)



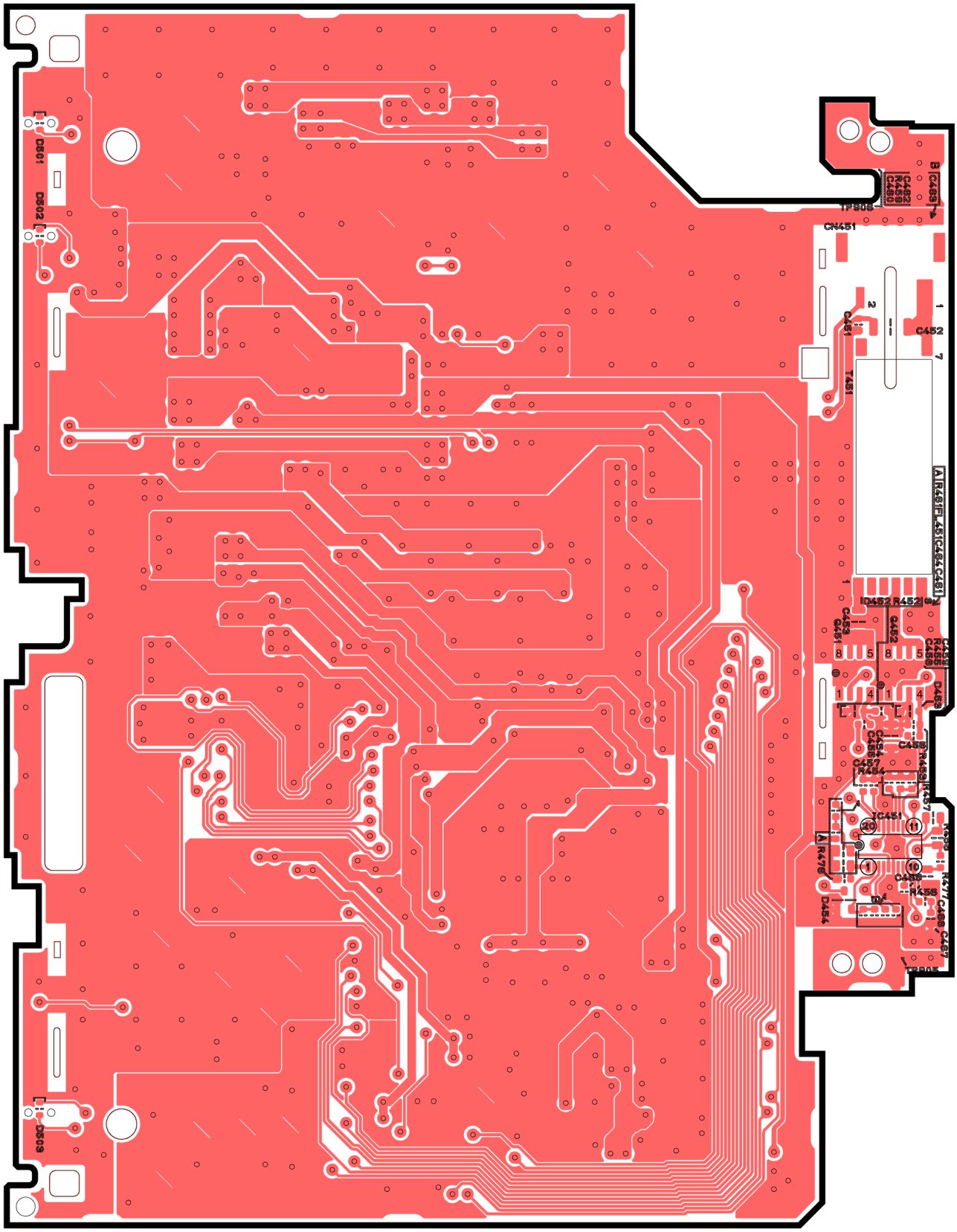
[E-3173Aa][Bottom View]



[E-3173Ab]
[Bottom View]

CQ-VD5005U/L MAIN P.C.B

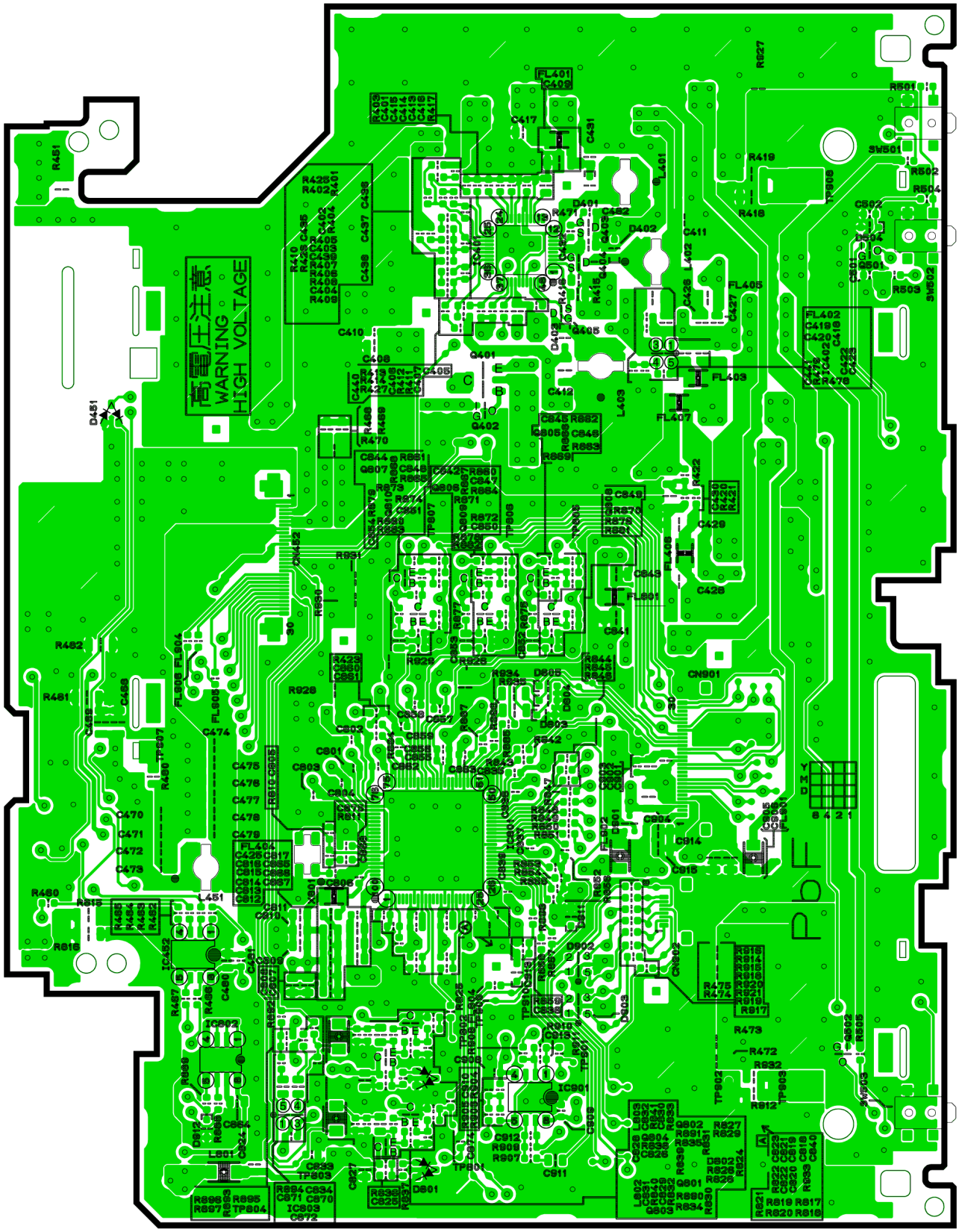
9.3. TFT Block (Top View)



[E-9939A][Top View]

CQ-VD5005U/L TFT P.C.B

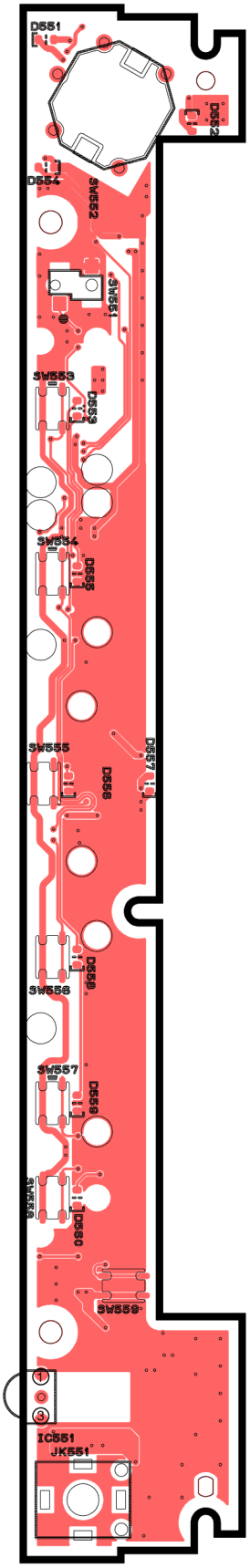
9.4. TFT Block (Bottom View)



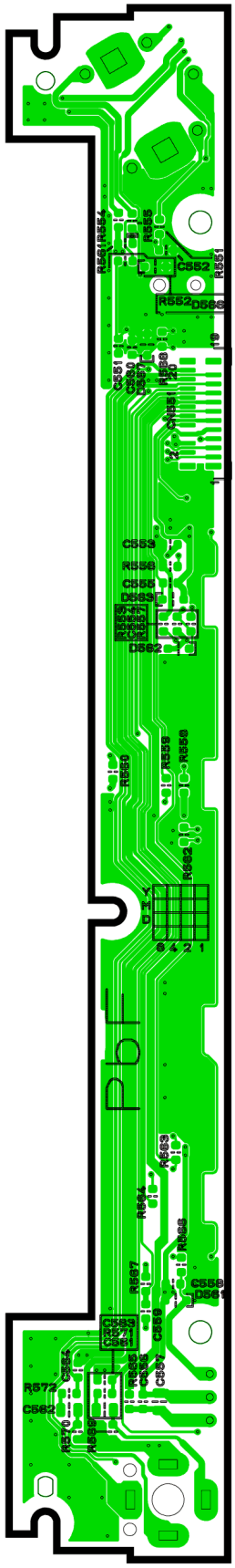
[E-9939A][Bottom View]

CQ-VD5005U/L TFT P.C.B

9.5. SW Block



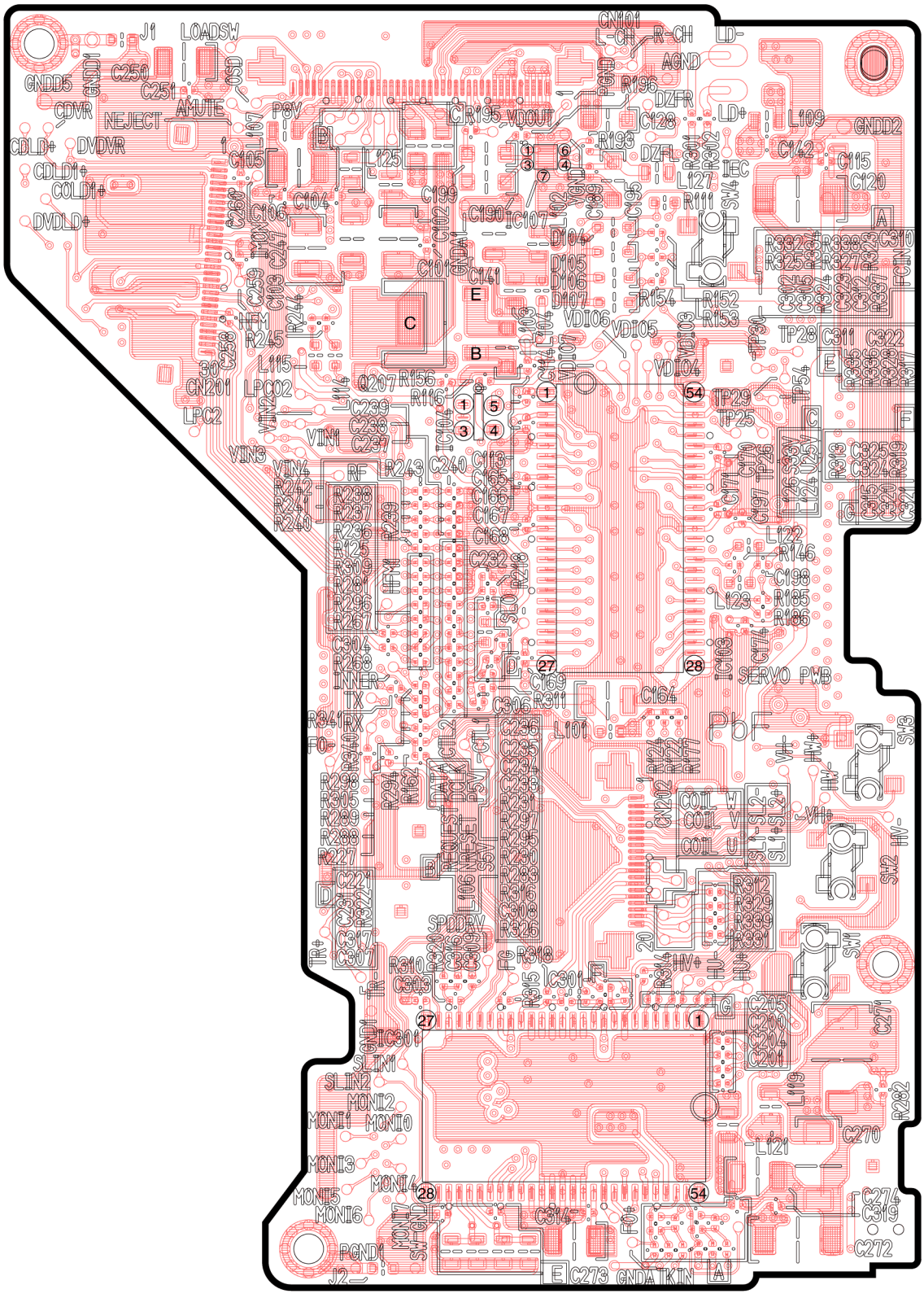
[E-9940A][Top View]



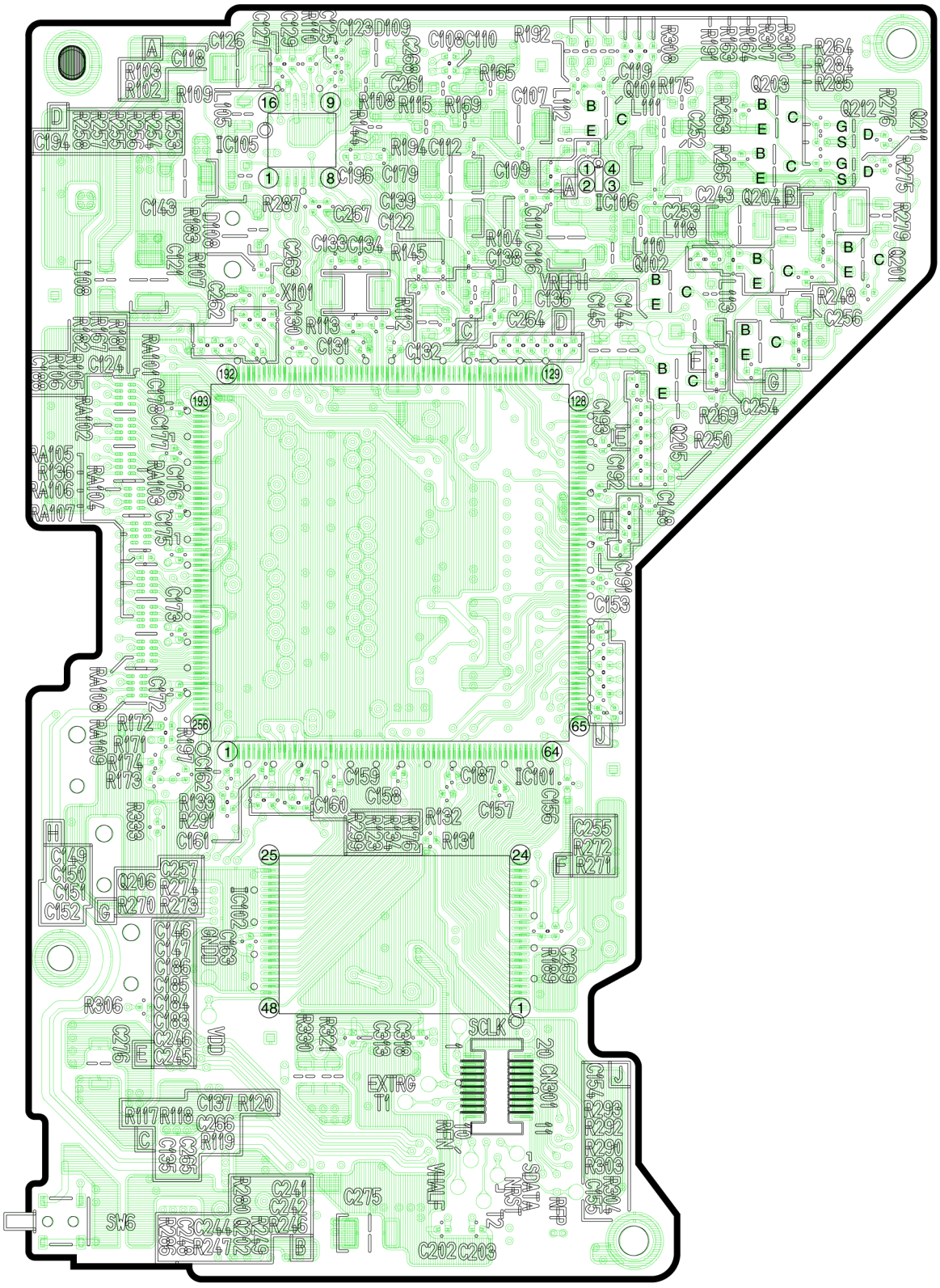
[E-9940A][Bottom View]

CQ-VD5005U/L SW P.C.B

9.6. DVD Servo Block (Top view)



9.7. DVD Servo Block (Bottom View)

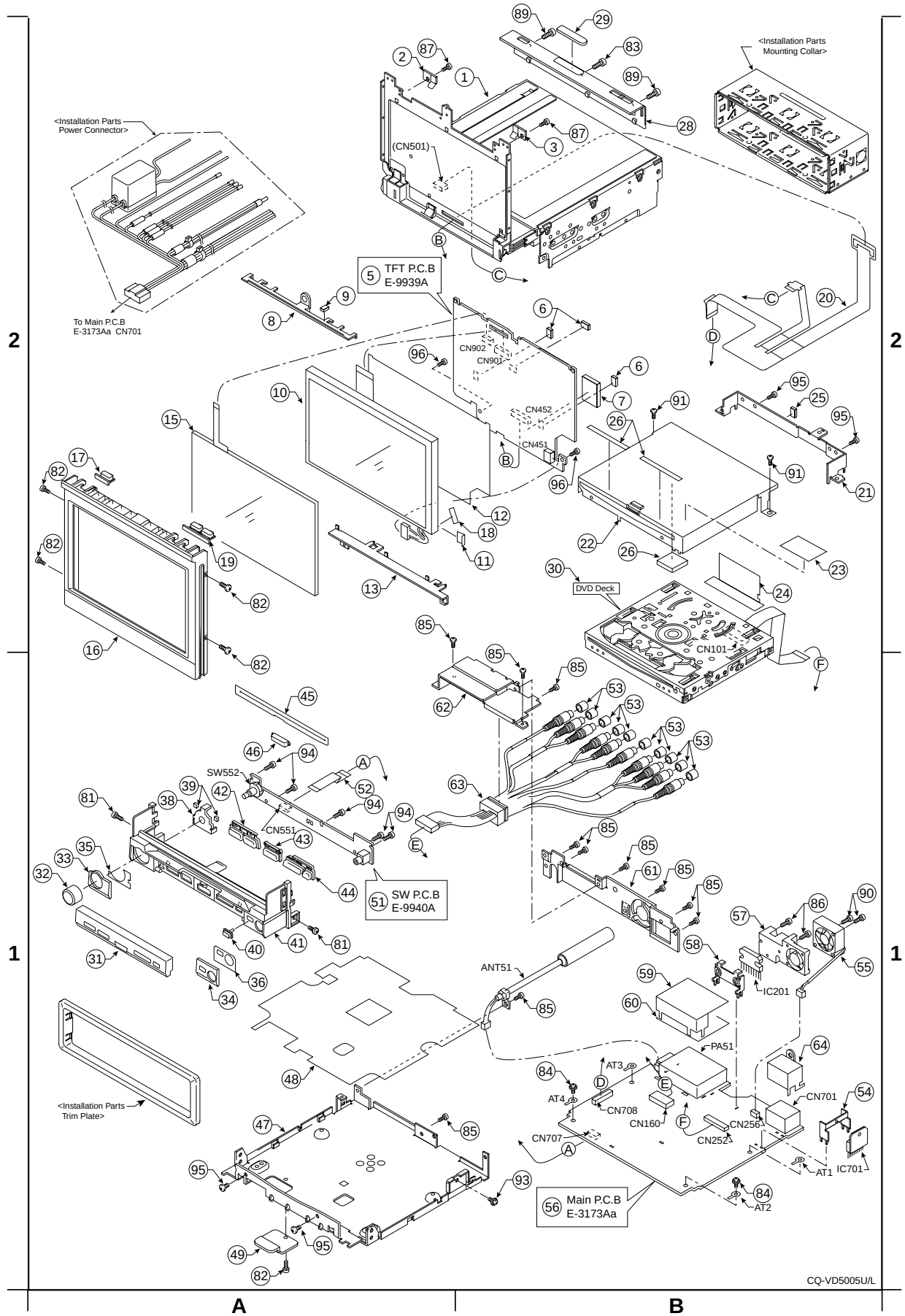


[3036-14-01] [Bottom View]

CQ-VD5005U/L DVD SERVO P.C.B

10 Exploded View and Replacement Parts List

10.1. Exploded View (Unit)



10.2. Replacement Parts List

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
   • Order intake period is basically six months after the first shipment.
5. “T” marks in remarks colum are indicated supply parts of PTW.
6. Reference materials of parts with the “TSN“ mark in the remarks column are uploaded in the TSN (Technical Service Navigation) system website. Please download from that website for references.
7. “A” or “B” marks in remarks column are indicated as follows :
   • A : CQ-VD5005U
   • B : CQ-VD5005L

Ref. No.	Part No.	Part Name & Description	Remarks
[E3173A] Main Block			
IC's AND TRANSISTORs			
IC51	C1BB00001045	IC	T
IC201	C1EA00000041	IC	T
IC202	C1BB00001132	IC	T
IC381	C1AB00000163	IC	T
IC382	C1AB00000084	IC	T
IC601	UPD70F32XXXB	IC	T
IC603	C0JBAZ002217	IC	T
IC604	C0JBAC000390	IC	T
IC701	C0DAZHF00004	IC	T
IC702	C0DBAZC00010	IC	T
IC703	C0CBABC00160	IC	T
IC704	C0EBZ0000035	IC	T
IC706	C0DBCFG00003	IC	T
IC710	C0JBAZ000525	IC	T
PA51	C5BA00000130	IC	T
Q51	B1BBAC000014	Transistor	T
Q52	B1GDCFJJ0008	Transistor	T
Q56	B1CBGF000005	Transistor	T
Q151	B1GDCFJJ0008	Transistor	T
Q152	B1GBCFJN0009	Transistor	T
Q154	B1GBCFJN0009	Transistor	T
Q155	B1GBCFJN0009	Transistor	T
Q156	B1GBJCEJ0001	Transistor	T
Q157	B1BDCG000008	Transistor	T
Q201	B1GBCFGA0005	Transistor	T
Q202	B1GBCFGA0005	Transistor	T
Q211	B1GDCFJJ0008	Transistor	T
Q212	B1GDCFJJ0008	Transistor	T
Q213	B1GBCFJN0009	Transistor	T
Q214	B1GBCFJN0009	Transistor	T
Q301	B1GBCFGA0005	Transistor	T
Q302	B1GBCFGA0005	Transistor	T
Q303	B1GBCFNN0009	Transistor	T
Q304	B1GBCFNN0009	Transistor	T
Q601	B1GDCFJN0011	Transistor	T
Q602	B1GHCFEM0002	Transistor	T
Q603	B1GFCFJN0013	Transistor	T
Q604	B1GBCFJN0009	Transistor	T
Q610	B1GBJCEJ0001	Transistor	T
Q611	B1GBJCEJ0001	Transistor	T
Q612	B1GBCFNN0009	Transistor	T
Q613	B1GBCFNN0009	Transistor	T
Q614	B1GBCFNN0009	Transistor	T
Q615	2SC24040YL	Transistor	T
Q616	2SB0709AWL	Transistor	T
Q617	2SD0601AHR	Transistor	T
Q701	B1GBNCEJ0001	Transistor	T
Q702	B1GBCFJN0009	Transistor	T
Q703	B1GDCFNN0007	Transistor	T
Q705	B1GBCFJN0009	Transistor	T
Q706	B1ABGE000005	Transistor	T
Q707	B1ADBD000003	Transistor	T
Q708	B1DHDD000039	Transistor	T
Q710	B1ABGE000005	Transistor	T
Q711	B1ADBD000003	Transistor	T
Q712	B1DHDD000039	Transistor	T
Q713	2SD0601AHL	Transistor	T
Q719	B1GBCFJN0009	Transistor	T
Q720	2SB0709AWL	Transistor	T
Q721	B1GBCFJN0009	Transistor	T
Q722	B1GBCFJN0009	Transistor	T
Q723	B1GDCFJJ0008	Transistor	T
Q724	B1GDCFJJ0008	Transistor	T
Q725	B1GBCFJN0009	Transistor	T
Q726	B1BDEL000002	Transistor	T
Q727	B1GBCFJN0009	Transistor	T
Q728	B1GBCFJN0009	Transistor	T
DIODE's			
D51	B0ACCK000005	Diode	T
D52	B0ECKL000001	Diode	T
D201	YEADRB160LT	Diode	T
D202	YEADRB160LT	Diode	T
D203	YEADRB160LT	Diode	T
D204	YEADRB160LT	Diode	T
D301	YEADRB160LT	Diode	T
D302	YEADRB160LT	Diode	T
D303	YEADRB160LT	Diode	T
D304	YEADRB160LT	Diode	T
D601	B0ADCJ000020	Diode	T
D602	B0BC5R600010	Zener Diode	T
D603	MA2J72900L	Diode	T
D604	B0BC5R600010	Zener Diode	T
D701	B0BA04700003	Diode	T
D702	B0ACCK000005	Diode	T
D703	B0ACCK000005	Diode	T
D705	B0JCPE000004	Diode	T
D706	B0JCPE000004	Diode	T
D711	B0BC3R4A0006	Zener Diode	T
D712	B0ECKP000002	Diode	T
D713	B0ECKP000002	Diode	T
D714	B0ECKP000002	Diode	T
D715	B0JCPE000004	Diode	T
D717	YEADUDZS82BT	Zener Diode	T
D718	B0ECKL000001	Diode	T
D719	B0JCPE000004	Diode	T
CAPACITORs			
C51	F1H1H470A841	Chip, 47PF 50WV	T
C53	F1J1H103A733	Chip, 0.01µF 50WV	T
C54	F1J1H103A733	Chip, 0.01µF 50WV	T

Ref. No.	Part No.	Part Name & Description	Remarks
C57	F1J1H103A513	Chip, 0.01µF 50WV	T
C58	F1H1H102A842	Chip, 1000PF 50WV	T
C60	F2G1A101A145	Electrolytic, 100µF 10WV	T
C61	F1H1H120A841	Chip, 12PF 50WV	T
C62	F1H1H120A841	Chip, 12PF 50WV	T
C63	F1J1H101A732	Chip, 100PF 50WV	T
C64	F2G1A101A145	Electrolytic, 100µF 10WV	T
C65	F1H1H103A842	Chip, 0.01µF 50WV	T
C66	F1H1E223A011	Chip, 0.022µF 25WV	T
C67	ECPU1C224MA5	Film, 0.22µF 16WV	T
C75	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C76	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C78	F2G1A101A145	Electrolytic, 100µF 10WV	T
C85	F2G1A101A145	Electrolytic, 100µF 10WV	T
C88	F2G1A101A145	Electrolytic, 100µF 10WV	T
C93	F1J1A106A023	Chip, 10µF 10WV	T
C94	F1J1A106A023	Chip, 10µF 10WV	T
C151	F2A1C2220082	Electrolytic, 2200µF 16WV	T
C152	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C153	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C154	F2G0G101A037	Electrolytic, 100µF 4WV	T
C155	F2G0G101A037	Electrolytic, 100µF 4WV	T
C156	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C157	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C158	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C159	F2G1A101A145	Electrolytic, 100µF 10WV	T
C205	ECPU1C224MA5	Film, 0.22µ 16WV	T
C206	ECPU1C224MA5	Film, 0.22µ 16WV	T
C207	F1J1H222A733	Chip, 2200PF 50WV	T
C208	F1J1H222A733	Chip, 2200PF 50WV	T
C209	F2G1C100A210	Electrolytic, 10µF 16WV	T
C210	F2G1C100A210	Electrolytic, 10µF 16WV	T
C211	F2G1H2R2A156	Electrolytic, 2.2µF 50WV	T
C212	F1H1A1050019	Chip, 1µF 10WV	T
C213	F1H1A1050019	Chip, 1µF 10WV	T
C214	F1H1A1050019	Chip, 1µF 10WV	T
C215	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C216	F1J1H273A733	Chip, 0.027µF 50WV	T
C220	F2A1C2220082	Electrolytic, 2200µF 16WV	T
C221	F1J1H103A733	Chip, 0.01µF 50WV	T
C222	F2G1C470A210	Electrolytic, 47µF 16WV	T
C223	F1J1H103A733	Chip, 0.01µF 50WV	T
C224	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C225	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C226	F2G1H2R2A156	Electrolytic, 2.2µF 50WV	T
C229	F2G1C100A210	Electrolytic, 10µF 16WV	T
C230	F2G1A101A145	Electrolytic, 100µF 10WV	T
C231	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C232	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C235	F2G1C100A210	Electrolytic, 10µF 16WV	T
C240	F2G1A101A145	Electrolytic, 100µF 10WV	T
C243	F1J1A106A023	Chip, 10µF 10WV	T
C244	F1J1A106A023	Chip, 10µF 10WV	T
C250	F2A1C2220082	Electrolytic, 2200µF 16WV	T
C281	F1J1A106A023	Chip, 10µF 10WV	T
C282	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C305	ECPU1C224MA5	Film, 0.22µ 16WV	T
C306	ECPU1C224MA5	Film, 0.22µ 16WV	T
C307	F1J1H222A733	Chip, 2200PF 50WV	T
C308	F1J1H222A733	Chip, 2200PF 50WV	T
C309	F2G1C100A210	Electrolytic, 10µF 16WV	T
C310	F2G1C100A210	Electrolytic, 10µF 16WV	T
C311	F2G1H2R2A156	Electrolytic, 2.2µF 50WV	T
C312	F1H1A1050019	Chip, 1µF 10WV	T
C313	F1H1A1050019	Chip, 1µF 10WV	T
C314	F1H1A1050019	Chip, 1µF 10WV	T
C315	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C316	F1J1H273A733	Chip, 0.027µF 50WV	T
C372	F1H1H221A841	Chip, 220PF 50WV	T
C373	F1H1H221A841	Chip, 220PF 50WV	T
C374	F1H1H221A841	Chip, 220PF 50WV	T
C375	F1H1H221A841	Chip, 220PF 50WV	T
C376	F1H1H221A841	Chip, 220PF 50WV	T
C377	F1H1H221A841	Chip, 220PF 50WV	T

Ref. No.	Part No.	Part Name & Description	Remarks
C381	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C382	F2G0J220A167	Electrolytic, 22µF 6.3WV	T
C383	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C384	F2G0J220A167	Electrolytic, 22µF 6.3WV	T
C387	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C389	F1H1H103A842	Chip, 0.01µF 50WV	T
C390	F1H1H103A842	Chip, 0.01µF 50WV	T
C391	F1H1H103A842	Chip, 0.01µF 50WV	T
C394	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C395	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C560	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C561	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C571	F1J1C224A006	Chip, 0.22µF 16WV	T
C601	F2G0J220A167	Electrolytic, 22µF 6.3WV	T
C602	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C603	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C604	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C605	ECUV1C475KBM	Chip, 4.7µF 16WV	T
C606	F1H1H150A841	Chip, 15PF 50WV	T
C607	F1H1H120A841	Chip, 12PF 50WV	T
C608	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C613	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C615	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C616	F2G0J220A167	Electrolytic, 22µF 6.3WV	T
C617	F1J1H103A733	Chip, 0.01µF 50WV	T
C618	F1J1H103A733	Chip, 0.01µF 50WV	T
C619	F1J1H103A733	Chip, 0.01µF 50WV	T
C620	F1J1H103A733	Chip, 0.01µF 50WV	T
C622	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C623	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C624	F1H1H330A841	Chip, 33PF 50WV	T
C627	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C630	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C701	F2A1C2220082	Electrolytic, 2200µF 16WV	T
C707	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C708	F2G1C100A210	Electrolytic, 10µF 16WV	T
C709	1CUTESTS681M	Electrolytic, 680µF 16WV	T
C710	F2G1A101A145	Electrolytic, 100µF 10WV	T
C711	F2G1A101A145	Electrolytic, 100µF 10WV	T
C712	F2G1C100A210	Electrolytic, 10µF 16WV	T
C713	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C715	F1H1A4740004	Chip, 0.47µF 10WV	T
C716	F1J1C104A148	Chip, 0.1µF 16WV	T
C717	F2A1C102A031	Electrolytic, 1000µF 16WV	T
C718	F4D551040007	Electrolytic, 0.1µF 5.5WV	T
C720	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C721	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C722	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C723	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C724	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C726	F1H1E223A011	Chip, 0.022µF 25WV	T
C727	F2G1H1R0A156	Electrolytic, 1µF 50WV	T
C728	F1H1H221A841	Chip, 220PF 50WV	T
C729	F1H1H222A842	Chip, 2200PF 50WV	T
C730	F1J1C104A148	Chip, 0.1µF 16WV	T
C731	1CUTWXZ102M	Electrolytic, 1000µF 16WV	T
C733	F1J1C104A148	Chip, 0.1µF 16WV	T
C734	F1H1H472A842	Chip, 4700PF 50WV	T
C735	F1H1A1050019	Chip, 1µF 10WV	T
C736	F1J1C105A173	Chip, 1µF 16WV	T
C737	F2H0G101A018	Electrolytic, 100µF 4WV	T
C738	F1H1H122A842	Chip, 1200PF 50WV	T
C739	F1J1C105A173	Chip, 1µF 16WV	T
C740	F2H0J101A029	Electrolytic, 100µF 6.3WV	T
C741	F1H1H122A842	Chip, 1200PF 50WV	T
C742	F2G1C470A210	Electrolytic, 47µF 16WV	T
C743	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C748	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C751	F2H1C100A021	Electrolytic, 10µF 16WV	T
C753	F1J1C104A148	Chip, 0.1µF 16WV	T
C754	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C755	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C756	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C757	F1H1H104A783	Ceramic, 0.1µF 50WV	T

Ref. No.	Part No.	Part Name & Description	Remarks
C758	F1J1C104A148	Chip, 0.1µF 16WV	T
C759	F1J1C104A148	Chip, 0.1µF 16WV	T
C760	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
C761	F2G1C470A210	Electrolytic, 47µF 16WV	T
C763	EEFUD0J101R	Electrolytic, 100µF 6.3WV	T
C764	F1J1A106A023	Chip, 10µF 10WV	T
C768	EEFUD0J101R	Electrolytic, 100µF 6.3WV	T
C769	F1J1A106A023	Chip, 10µF 10WV	T
C779	F1H1H103A842	Chip, 0.01µF 50WV	T
C780	F1J1C105A173	Chip, 1µF 16WV	T
C782	F1J1C105A173	Chip, 1µF 16WV	T
C784	F1J0J4750003	Chip, 4.7µF 6.3WV	T
C785	F1J0J4750003	Chip, 4.7µF 6.3WV	T
C788	F1H1H561A842	Chip, 560PF 50WV	T
C789	F1H1H391A841	Chip, 390PF 50WV	T
C791	F2H0G101A018	Electrolytic, 100µF 4WV	T
C792	F2H0G101A018	Electrolytic, 100µF 4WV	T
C793	F2H0G101A018	Electrolytic, 100µF 4WV	T
C799	F2G0J101A166	Electrolytic, 100µF 6.3WV	T
RESISTORs			
D151	D0GN100JA005	Chip, 0Ω 1/2W	T
R51	D0GB5R6JA065	Chip, 5.6Ω 1/10W	T
R52	D0YFR00J0001	Chip, 0Ω	T
R53	D0YFR00J0001	Chip, 0Ω	T
R54	D0GB101JA008	Chip, 100Ω 1/10W	T
R55	D0GB101JA008	Chip, 100Ω 1/10W	T
R56	D0GB822JA008	Chip, 8.2kΩ 1/10W	T
R57	D0GBR00JA008	Chip, 0Ω 1/10W	T
R58	D0GB393JA008	Chip, 39kΩ 1/10W	T
R62	D0GB271JA008	Chip, 270Ω 1/10W	T
R63	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R64	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R65	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R66	D0GB221JA008	Chip, 220Ω 1/10W	T
R69	D0GB101JA008	Chip, 100Ω 1/10W	T
R70	D0GB473JA008	Chip, 47kΩ 1/10W	T
R71	D0GB473JA008	Chip, 47kΩ 1/10W	T
R72	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R73	D0GD100JA017	Chip, 10Ω 1/8W	T
R74	D0GD561JA017	Chip, 560Ω 1/8W	T
R75	D0GB152JA008	Chip, 1.5kΩ 1/10W	T
R76	D0GB182JA008	Chip, 1.8kΩ 1/10W	T
R80	D0GB333JA008	Chip, 33kΩ 1/10W	T
R81	D0YFR00J0001	Chip, 0Ω 1/10W	T
R82	D0GDR00JA017	Chip, 0Ω 1/8W	T
R85	D0YFR00J0001	Chip, 0Ω	T
R88	D0YFR00J0001	Chip, 0Ω	T
R89	D0YFR00J0001	Chip, 0Ω 1/10W	T
R91	D0GB104JA008	Chip, 100kΩ 1/10W	T
R94	D0GB101JA008	Chip, 100Ω 1/10W	T
R95	D0YFR00J0001	Chip, 0Ω 1/10W	T
R154	D0GBR00JA008	Chip, 0Ω 1/10W	T
R155	D0GBR00JA008	Chip, 0Ω 1/10W	T
R156	D0YFR00J0001	Chip, 0Ω 1/10W	T
R157	D0YFR00J0001	Chip, 0Ω 1/10W	T
R174	D0GBR00JA008	Chip, 0Ω 1/10W	T
R175	D0GBR00JA008	Chip, 0Ω 1/10W	T
R176	D0GBR00JA008	Chip, 0Ω 1/10W	T
R177	D0GBR00JA008	Chip, 0Ω 1/10W	T
R178	D0GD4R7JA056	Chip, 4.7Ω	T
R179	D0GB562JA008	Chip, 5.6kΩ 1/10W	T
R180	D0GF222JA017	Chip, 2.2kΩ 1/8W	T
R185	D0YFR00J0001	Chip, 0Ω	T
R186	D0YFR00J0001	Chip, 0Ω	T
R187	D0YFR00J0001	Chip, 0Ω 1/10W	T
R188	D0YFR00J0001	Chip, 0Ω 1/10W	T
R201	D0GB181JA008	Chip, 180Ω 1/10W	T
R202	D0GB181JA008	Chip, 180Ω 1/10W	T
R203	D0GB103JA008	Chip, 10kΩ 1/10W	T
R204	D0GB103JA008	Chip, 10kΩ 1/10W	T
R205	D0GBR00JA008	Chip, 0Ω 1/10W	T

Ref. No.	Part No.	Part Name & Description	Remarks
R206	D0GBR00JA008	Chip, 0Ω 1/10W	T
R208	D0GB103JA008	Chip, 10kΩ 1/10W	T
R209	D0GB912JA008	Chip, 9.1kΩ 1/10W	T
R210	D0GB912JA008	Chip, 9.1kΩ 1/10W	T
R211	D0GBR00JA008	Chip, 0Ω 1/10W	T
R212	D0GBR00JA008	Chip, 0Ω 1/10W	T
R214	D0GD561JA017	Chip, 560Ω 1/8W	T
R215	D0GD561JA017	Chip, 560Ω 1/8W	T
R216	D0GB563JA008	Chip, 56kΩ 1/10W	T
R217	D0GB750JA008	Chip, 75Ω 1/10W	T
R218	D0GBR00JA008	Chip, 0Ω 1/10W	T
R219	D0GBR00JA008	Chip, 0Ω 1/10W	T
R220	D0GB102JA008	Chip, 1kΩ 1/10W	T
R221	D0GB103JA008	Chip, 10kΩ 1/10W	T
R223	D0GB271JA008	Chip, 270Ω 1/10W	T
R224	D0GB272JA008	Chip, 2.7kΩ 1/10W	T
R226	D0YFR00J0001	Chip, 0Ω 1/10W	T
R230	D0GB221JA008	Chip, 220Ω 1/10W	T
R231	D0GB221JA008	Chip, 220Ω 1/10W	T
R232	D0GB473JA008	Chip, 47kΩ 1/10W	T
R234	D0GB101JA008	Chip, 100Ω 1/10W	T
R235	D0GBR00JA008	Chip, 0Ω 1/10W	T
R238	D0GDR00JA017	Chip, 0Ω 1/8W	T
R239	D0GF131JA048	Chip, 130Ω	T
R241	D0GBR00JA008	Chip, 0Ω 1/10W	T
R242	D0GB103JA008	Chip, 10kΩ 1/10W	T
R243	D0GB103JA008	Chip, 10kΩ 1/10W	T
R281	D0GDR00JA017	Chip, 0Ω 1/8W	T
R282	D0YFR00J0001	Chip, 0Ω	T
R284	D0YFR00J0001	Chip, 0Ω	T
R285	D0YFR00J0001	Chip, 0Ω	T
R287	D0YFR00J0001	Chip, 0Ω	T
R288	D0YFR00J0001	Chip, 0Ω	T
R290	D0GBR00JA008	Chip, 0Ω 1/10W	T
R291	D0GBR00JA008	Chip, 0Ω 1/10W	T
R301	D0GB181JA008	Chip, 180Ω 1/10W	T
R302	D0GB181JA008	Chip, 180Ω 1/10W	T
R303	D0GB103JA008	Chip, 10kΩ 1/10W	T
R304	D0GB103JA008	Chip, 10kΩ 1/10W	T
R305	D0GBR00JA008	Chip, 0Ω 1/10W	T
R306	D0GBR00JA008	Chip, 0Ω 1/10W	T
R308	D0GB103JA008	Chip, 10kΩ 1/10W	T
R309	D0GB912JA008	Chip, 9.1kΩ 1/10W	T
R310	D0GB912JA008	Chip, 9.1kΩ 1/10W	T
R311	D0GBR00JA008	Chip, 0Ω 1/10W	T
R312	D0GBR00JA008	Chip, 0Ω 1/10W	T
R314	D0GD561JA017	Chip, 560Ω 1/8W	T
R315	D0GD561JA017	Chip, 560Ω 1/8W	T
R316	D0GB750JA008	Chip, 75Ω 1/10W	T
R317	D0GB563JA008	Chip, 56kΩ 1/10W	T
R318	D0GBR00JA008	Chip, 0Ω 1/10W	T
R319	D0GBR00JA008	Chip, 0Ω 1/10W	T
R343	D0GB103JA008	Chip, 10kΩ 1/10W	T
R381	D0GB750JA008	Chip, 75Ω 1/10W	T
R382	D0GB750JA008	Chip, 75Ω 1/10W	T
R383	D0GBR00JA008	Chip, 0Ω 1/10W	T
R386	D0GB102JA008	Chip, 1kΩ 1/10W	T
R387	D0GB102JA008	Chip, 1kΩ 1/10W	T
R388	D0GB750JA008	Chip, 75Ω 1/10W	T
R389	D0GB750JA008	Chip, 75Ω 1/10W	T
R390	D0GB750JA008	Chip, 75Ω 1/10W	T
R392	D0GBR00JA008	Chip, 0Ω 1/10W	T
R395	D0GBR00JA008	Chip, 0Ω 1/10W	T
R570	D0YFR00J0001	Chip, 0Ω 1/10W	T
R571	D0YFR00J0001	Chip, 0Ω 1/10W	T
R590	D0YFR00J0001	Chip, 0Ω	T
R591	D0GB221JA008	Chip, 220Ω 1/10W	T
R592	D0GB221JA008	Chip, 220Ω 1/10W	T
R593	D0GB221JA008	Chip, 220Ω 1/10W	T
R595	D1BDR047A105	Chip, 0.047Ω 1/4W	T
R601	D0GBR00JA008	Chip, 0Ω 1/10W	T
R603	D0GB101JA008	Chip, 100Ω 1/10W	T
R604	D0GB101JA008	Chip, 100Ω 1/10W	T
R606	D0GB101JA008	Chip, 100Ω 1/10W	T

Ref. No.	Part No.	Part Name & Description	Remarks
R607	D0GBR00JA008	Chip, 0Ω 1/10W	T
R608	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R609	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R610	D0GB221JA008	Chip, 220Ω 1/10W	T
R611	D0GB221JA008	Chip, 220Ω 1/10W	T
R612	D0GB221JA008	Chip, 220Ω 1/10W	T
R614	D0GB221JA008	Chip, 220Ω 1/10W	T
R615	D0GB221JA008	Chip, 220Ω 1/10W	T
R616	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R617	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R618	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R620	D0GB103JA008	Chip, 10kΩ 1/10W	T
R622	D0GB102JA008	Chip, 1kΩ 1/10W	T
R625	D0GB103JA008	Chip, 10kΩ 1/10W	T
R629	D0GB102JA008	Chip, 1kΩ 1/10W	T
R630	D0GBR00JA008	Chip, 0Ω 1/10W	T
R631	D0GB102JA008	Chip, 1kΩ 1/10W	T
R632	D0GB102JA008	Chip, 1kΩ 1/10W	T
R633	D0GB102JA008	Chip, 1kΩ 1/10W	T
R634	D1BB1002A012	Chip, 10kΩ	T
R635	D1BB1002A012	Chip, 10kΩ	T
R636	D1BB1002A012	Chip, 10kΩ	T
R637	D0GB184JA008	Chip, 180kΩ 1/10W	T
R639	D0GB102JA008	Chip, 1kΩ 1/10W	T
R647	D0GB102JA008	Chip, 1kΩ 1/10W	T
R648	D0GB473JA008	Chip, 47kΩ 1/10W	T
R651	D0GB101JA008	Chip, 100Ω 1/10W	T
R652	D0GB221JA008	Chip, 220Ω 1/10W	T
R653	D0GB102JA008	Chip, 1kΩ 1/10W	T
R654	D0GB102JA008	Chip, 1kΩ 1/10W	T
R655	D0GB102JA008	Chip, 1kΩ 1/10W	T
R656	D0GB102JA008	Chip, 1kΩ 1/10W	T
R657	D0GB102JA008	Chip, 1kΩ 1/10W	T
R658	D0GBR00JA008	Chip, 0Ω 1/10W	T
R659	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R660	D0GB103JA008	Chip, 10kΩ 1/10W	T
R661	D0GB473JA008	Chip, 47kΩ 1/10W	T
R662	D0GB473JA008	Chip, 47kΩ 1/10W	T
R664	D0GB473JA008	Chip, 47kΩ 1/10W	T
R665	D0GD471JA017	Chip, 470Ω 1/8W	T
R666	D0GB103JA008	Chip, 10kΩ 1/10W	T
R667	D0GB103JA008	Chip, 10kΩ 1/10W	T
R668	D0GB103JA008	Chip, 10kΩ 1/10W	T
R669	D0YFR00J0001	Chip, 0Ω 1/10W	T
R670	D0GB103JA008	Chip, 10kΩ 1/10W	T
R671	D0GB103JA008	Chip, 10kΩ 1/10W	T
R672	D0GB101JA008	Chip, 100Ω 1/10W	T
R673	D0GB101JA008	Chip, 100Ω 1/10W	T
R674	D0GB101JA008	Chip, 100Ω 1/10W	T
R675	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R676	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R677	D0GB473JA008	Chip, 47kΩ 1/10W	T
R678	D0GB102JA008	Chip, 1kΩ 1/10W	T
R679	D0GB473JA008	Chip, 47kΩ 1/10W	T
R680	D0GB102JA008	Chip, 1kΩ 1/10W	T
R681	D0GB102JA008	Chip, 1kΩ 1/10W	T
R682	D1BB1002A012	Chip, 10kΩ	T
R684	D0GB102JA008	Chip, 1kΩ 1/10W	T
R685	D0GB102JA008	Chip, 1kΩ 1/10W	T
R686	D0GB102JA008	Chip, 1kΩ 1/10W	T
R687	D0GB102JA008	Chip, 1kΩ 1/10W	T
R688	D0GB102JA008	Chip, 1kΩ 1/10W	T
R689	D0GB102JA008	Chip, 1kΩ 1/10W	T
R690	D0GB221JA008	Chip, 220Ω 1/10W	T
R691	D0GB221JA008	Chip, 220Ω 1/10W	T
R692	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R693	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R694	D0GB102JA008	Chip, 1kΩ 1/10W	T
R695	D0GB473JA008	Chip, 47kΩ 1/10W	T
R696	D0GB103JA008	Chip, 10kΩ 1/10W	T
R697	D0GB103JA008	Chip, 10kΩ 1/10W	T
R698	D0GB103JA008	Chip, 10kΩ 1/10W	T
R701	D0GDR00JA017	Chip, 0Ω 1/8W	T
R702	D0GDR00JA017	Chip, 0Ω 1/8W	T

Ref. No.	Part No.	Part Name & Description	Remarks
R703	D0GF332JA017	Chip, 3.3kΩ 1/8W	T
R704	D0GB823JA008	Chip, 82kΩ 1/10W	T
R705	D0GB102JA008	Chip, 1kΩ 1/10W	T
R706	D0GB102JA008	Chip, 1kΩ 1/10W	T
R707	D0GB473JA008	Chip, 47kΩ 1/10W	T
R708	D0GB102JA008	Chip, 1kΩ 1/10W	T
R709	D0GB512JA008	Chip, 5.1kΩ 1/10W	T
R710	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R711	ERJ3EKF7502V	Chip, 75kΩ	T
R712	ERJ3EKF1802V	Chip, 18kΩ	T
R713	ERJ3EKF8201V	Chip, 8.2kΩ	T
R716	D0GB101JA008	Chip, 100Ω 1/10W	T
R717	D0GB101JA008	Chip, 100Ω 1/10W	T
R718	D0GN100JA005	Chip, 10Ω 1/2W	T
R719	D0GD471JA017	Chip, 470Ω 1/8W	T
R721	D0GD471JA017	Chip, 470Ω 1/8W	T
R722	D0GB103JA008	Chip, 10kΩ 1/10W	T
R723	D0GB393JA008	Chip, 39kΩ 1/10W	T
R724	D0GB333JA008	Chip, 33kΩ 1/10W	T
R725	D0GB222JA008	Chip, 2.2kΩ 1/10W	T
R726	D0GB102JA008	Chip, 1kΩ 1/10W	T
R727	D0GB223JA008	Chip, 22kΩ 1/10W	T
R728	D1BD1802A030	Chip, 18kΩ 1/8W	T
R729	D1BD1002A030	Chip, 10kΩ 1/8W	T
R730	D1BD1002A030	Chip, 10kΩ 1/8W	T
R731	D1BD6202A030	Chip, 62kΩ 1/8W	T
R732	D0GD393JA017	Chip, 39kΩ 1/8W	T
R733	D0GD393JA017	Chip, 39kΩ 1/8W	T
R734	D0GD563JA017	Chip, 56kΩ 1/8W	T
R735	D1BD1002A030	Chip, 10kΩ 1/8W	T
R736	D1BD1002A030	Chip, 10kΩ 1/8W	T
R737	D0GD510JA017	Chip, 51Ω 1/8W	T
R738	D0GD331JA017	Chip, 330Ω 1/8W	T
R739	D0GD510JA017	Chip, 51Ω 1/8W	T
R740	D0GD331JA017	Chip, 330Ω 1/8W	T
R741	D1BB1501A012	Chip, 1.5kΩ	T
R742	D1BB1502A012	Chip, 15kΩ	T
R743	D1BB1002A012	Chip, 10kΩ	T
R744	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R745	D1BB3301A012	Chip, 3.3kΩ	T
R746	D1BB2702A012	Chip, 27kΩ	T
R747	D1BB1002A012	Chip, 10kΩ	T
R748	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R750	D0GB562JA008	Chip, 5.6kΩ 1/10W	T
R751	D0GN821JA005	Chip, 820Ω 1/2W	T
R755	D0GB103JA008	Chip, 10kΩ 1/10W	T
R757	D0GB103JA008	Chip, 10kΩ 1/10W	T
R760	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R761	D0GD100JA017	Chip, 10Ω 1/8W	T
R762	D0GB223JA008	Chip, 22kΩ 1/10W	T
R763	D0GB223JA008	Chip, 22kΩ 1/10W	T
R764	D0GB103JA008	Chip, 10kΩ 1/10W	T
R765	D0GB183JA008	Chip, 18kΩ 1/10W	T
R768	D0GB103JA008	Chip, 10kΩ 1/10W	T
R769	D0GD103JA017	Chip, 10kΩ 1/8W	T
R770	D0GB103JA008	Chip, 10kΩ 1/10W	T
R771	D0GDR00JA017	Chip, 0Ω 1/8W	T
R773	D0GDR00JA017	Chip, 0Ω 1/8W	T
R774	D0GB103JA008	Chip, 10kΩ 1/10W	T
R775	D0GB103JA008	Chip, 10kΩ 1/10W	T
R776	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R777	D0GB103JA008	Chip, 10kΩ 1/10W	T
R778	D0GB103JA008	Chip, 10kΩ 1/10W	T
R779	D0GB103JA008	Chip, 10kΩ 1/10W	T
R780	D0GB563JA008	Chip, 56kΩ 1/10W	T
R781	D0GB563JA008	Chip, 56kΩ 1/10W	T
R782	D0GB562JA008	Chip, 5.6kΩ 1/10W	T
R783	D0GDR00JA017	Chip, 0Ω 1/8W	T
R784	D0GB105JA008	Chip, 1MΩ 1/10W	T
R785	D0GB105JA008	Chip, 1MΩ 1/10W	T
R786	D0GBR00JA008	Chip, 0Ω 1/10W	T
R790	D0GDR00JA017	Chip, 0Ω 1/8W	T
R791	D0GDR00JA017	Chip, 0Ω 1/8W	T
R793	D0GDR00JA017	Chip, 0Ω 1/8W	T

Ref. No.	Part No.	Part Name & Description	Remarks
R796	D0GD222JA017	Chip, 2.2kΩ 1/8W	T
R797	D0GDR00JA017	Chip, 0Ω 1/8W	T
R798	D0GB103JA008	Chip, 10kΩ 1/10W	T
R799	D0GDR00JA017	Chip, 0Ω 1/8W	T
NETWORK RESISTORs			
RA601	D1H81044A043	Chip Network Resistor	T
RA602	D1H81014A043	Chip Network Resistor	T
RA603	D1H81024A043	Chip Network Resistor	T
RA604	D1H81024A043	Chip Network Resistor	T
RA606	D1H81024A043	Chip Network Resistor	T
RA607	D1H81024A043	Chip Network Resistor	T
RA609	D1H81024A043	Chip Network Resistor	T
RA610	D1H81024A043	Chip Network Resistor	T
RA612	D1H81024A043	Chip Network Resistor	T
RA613	D1H81024A043	Chip Network Resistor	T
CRYSTALs			
X601	H0J419400014	Crystal	T
X602	H0J720400012	Crystal	T
NOISE FILTER			
Z51	J0LM00000001	Noise Filter	T
COILs			
FB601	J0JGC0000020	Coil	T
L51	G1C150JA0036	Chip RF Coil	T
L52	G1CR56JA0036	Coil	T
L53	G1C100JA0036	RF Coil	T
L55	G1C101JA0036	RF Coli	T
L151	G1C220K00023	Chip RF Coil	T
L152	G1C220K00023	Chip RF Coil	T
L201	J0JGC0000029	Coil	T
L202	J0JGC0000029	Coil	T
L203	J0JGC0000029	Coil	T
L281	G1C220JA0036	Coil	T
L301	J0JGC0000029	Coil	T
L302	J0JGC0000029	Coil	T
L303	J0JGC0000029	Coil	T
L601	G1C220JA0036	Coil	T
L701	G0A151J00006	RF Coil	T
L702	G1C220ZA0087	RF Coli	T
L703	G1C470ZA0087	RF Coli	T
L704	G1C470ZA0087	RF Coli	T
L780	G1C2R2JA0036	RF Coli	T
CONNECTORs			
CN160	K1KA20B00042	20P Connector	T
CN252	K1MN40BA0112	40P Connector	T
CN256	K1KA03A00063	3P Connector	T
CN601	K1KB08AA0201	8P Connector	T
CN701	K1FA116B0028	16P Connector	T
CN707	K1MN20BA0111	20P Connector	T
CN708	K1MN40AA0030	40P Connector	T
ANTENNA			
ANT51	K1KB02A00079	ANT	T
[E9939A]TFT Block			
IC's AND TRANSISTORs			
IC401	IR3M58M	IC	T
IC402	AP2202K25TRE	IC	T
IC451	C0DBAZA00017	IC	T
IC452	C0FBBD000065	IC	T
IC801	T100A	IC	T

Ref. No.	Part No.	Part Name & Description	Remarks
IC802	C3EBCC000065	IC	T
IC901	C0ABBB000069	IC	T
Q401	B1GBNCEJ0001	Transistor	T
Q402	B1GBCFJJ0007	Transistor	T
Q403	B1CHMC000009	Transistor	T
Q404	B1CHMC000009	Transistor	T
Q405	B1CHMC000009	Transistor	T
Q451	P2503NVG	Transistor	T
Q452	P2503NVG	Transistor	T
Q501	B1GBCFJJ0007	Transistor	T
Q502	B1GBCFJJ0007	Transistor	T
Q805	B1ABCF000021	Transistor	T
Q806	B1ABCF000021	Transistor	T
Q807	B1ABCF000021	Transistor	T
Q808	B1ABCF000021	Transistor	T
Q809	B1ABCF000021	Transistor	T
Q810	B1ABCF000021	Transistor	T
DIODEs			
D401	B0JCGD000002	Diode	T
D402	B0JCGD000002	Diode	T
D403	B0JCGD000002	Diode	T
D451	B0ADCJ000014	Diode	T
D452	B0BC5R600010	Zener Diode	T
D453	B0BC5R600010	Zener Diode	T
D454	B0ADCJ000014	Diode	T
D501	B3ABB0000284	LED	T
D502	B3ABB0000284	LED	T
D503	B3ABB0000284	LED	T
D803	B0BC3R700004	Zener Diode	T
D804	B0BC3R700004	Zener Diode	T
D805	B0BC3R700004	Zener Diode	T
D901	B0JDAE000004	Diode	T
D902	B0BD6R800002	Diode	T
D903	B0BD6R800002	Diode	T
D911	B0BC5R600010	Zener Diode	T
D912	B0BC5R600010	Zener Diode	T
D913	B0BC5R600010	Zener Diode	T
CAPACITORs			
C401	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C402	F1H1H102A842	Chip, 1000PF 50WV	T
C403	F1H1H472A842	Chip, 4700PF 50WV	T
C404	F1H1H4710003	Ceramic, 470PF 50WV	T
C405	F1H0J1050010	Chip, 1µF 6.3WV	T
C406	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C407	F1J1A106A023	Chip, 10µF 10WV	T
C408	F1J1A106A023	Chip, 10µF 10WV	T
C409	F1K1C225A069	Chip, 2.2µF 16WV	T
C410	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C411	F1J1A106A023	Chip, 10µF 10WV	T
C412	F1K1C225A069	Chip, 2.2µF 16WV	T
C413	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C414	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C415	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C416	F1H0J1050010	Chip, 1µF 6.3WV	T
C417	F1J1A106A023	Chip, 10µF 10WV	T
C418	F1J1A106A023	Chip, 10µF 10WV	T
C419	F1H0J1050010	Chip, 1µF 6.3WV	T
C420	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C422	F1J1A106A023	Chip, 10µF 10WV	T
C423	F1J1A106A023	Chip, 10µF 10WV	T
C425	F1J1A106A023	Chip, 10µF 10WV	T
C426	F1J1A106A023	Chip, 10µF 10WV	T
C427	F1J1A106A023	Chip, 10µF 10WV	T
C428	F1K1C1060001	Ceramic, 10µF 16WV	T
C429	F1K1C1060001	Ceramic, 10µF 16WV	T
C430	F1K1C1060001	Ceramic, 10µF 16WV	T
C431	F1J1A106A023	Chip, 10µF 10WV	T
C432	F1J1A106A023	Chip, 10µF 10WV	T
C435	F1H1H100A840	Chip, 10PF 50WV	T
C436	F1H1H100A840	Chip, 10PF 50WV	T

Ref. No.	Part No.	Part Name & Description	Remarks
C437	F1H1H330A841	Chip, 33PF 50WV	T
C438	F1H1H100A840	Chip, 10PF 50WV	T
C439	F1H1H330A841	Chip, 33PF 50WV	T
C440	F1H1H100A840	Chip, 10PF 50WV	T
C451	F1H1H153A842	Chip, 0.015µF 50WV	T
C452	F1L3F180A006	Chip, 18PF 3.16kV	T
C453	F1K1C1060001	Ceramic, 10µF 16WV	T
C454	F1K1C1060001	Ceramic, 10µF 16WV	T
C455	F1H1C473A071	Chip, 0.047µF 16WV	T
C456	F1H1C473A071	Chip, 0.047µF 16WV	T
C457	F1H1H221A841	Chip, 220PF 50WV	T
C458	F1H1H103A842	Chip, 0.01µF 50WV	T
C459	F1H1H104A783	Chip, 0.1µF 50WV	T
C460	F1H1H103A842	Chip, 0.01µF 50WV	T
C461	F1J0J4750003	Chip, 4.7µF 6.3WV	T
C462	F1H1H103A842	Chip, 0.01µF 50WV	T
C463	F1H1A4740004	Chip, 0.47µF 10WV	T
C464	F1J1A106A023	Chip, 10µF 10WV	T
C465	F1H1H104A783	Chip, 0.1µF 50WV	T
C466	F1H1H103A842	Chip, 0.01µF 50WV	T
C467	F1H1H152A842	Chip, 1500PF 50WV	T
C468	F1K1C1060001	Ceramic, 10µF 16WV	T
C469	F1K1C1060001	Ceramic, 10µF 16WV	T
C470	F1K1C1060001	Ceramic, 10µF 16WV	T
C471	F1K1C1060001	Ceramic, 10µF 16WV	T
C472	F1K1C1060001	Ceramic, 10µF 16WV	T
C473	F1K1C1060001	Ceramic, 10µF 16WV	T
C474	F1K1C1060001	Ceramic, 10µF 16WV	T
C475	F1K1C1060001	Ceramic, 10µF 16WV	T
C476	F1K1C1060001	Ceramic, 10µF 16WV	T
C477	F1K1C1060001	Ceramic, 10µF 16WV	T
C478	F1K1C1060001	Ceramic, 10µF 16WV	T
C479	F1K1C1060001	Ceramic, 10µF 16WV	T
C480	F1J1A106A023	Chip, 10µF 10WV	T
C481	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C482	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C501	F1H1H102A842	Chip, 1000PF 50WV	T
C502	F1H1H102A842	Chip, 1000PF 50WV	T
C801	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C802	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C803	F1H0J1050010	Chip, 1µF 6.3WV	T
C804	F1H0J1050010	Chip, 1µF 6.3WV	T
C805	F1H1H220A860	Chip, 22PF 50WV	T
C806	F1H1H220A860	Chip, 22PF 50WV	T
C807	F1J1A106A023	Chip, 10µF 10WV	T
C808	F1J1A106A023	Chip, 10µF 10WV	T
C809	F1J1A106A023	Chip, 10µF 10WV	T
C810	F1J1A106A023	Chip, 10µF 10WV	T
C811	F1J1A106A023	Chip, 10µF 10WV	T
C812	F1J1A106A023	Chip, 10µF 10WV	T
C813	F1J1A106A023	Chip, 10µF 10WV	T
C814	F1J1A106A023	Chip, 10µF 10WV	T
C815	F1J1A106A023	Chip, 10µF 10WV	T
C816	F1J1A106A023	Chip, 10µF 10WV	T
C817	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C818	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C819	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C820	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C821	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C822	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C823	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C829	F1J1H105A539	Chip, 1µF 50WV	T
C830	F1J1H105A539	Chip, 1µF 50WV	T
C831	F1H1H331A842	Chip, 330PF 50WV	T
C832	F1H1H331A842	Chip, 330PF 50WV	T
C833	F1H1H681A842	Chip, 680PF 50WV	T
C834	F1H1H681A842	Chip, 680PF 50WV	T
C835	F1H0J1050010	Chip, 1µF 6.3WV	T
C836	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C837	F1H0J1050010	Chip, 1µF 6.3WV	T
C838	F1H1H103A842	Chip, 0.01µF 50WV	T
C839	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C840	F1H0J1050010	Chip, 1µF 6.3WV	T
C841	F1K1C1060001	Ceramic, 10µF 16WV	T

Ref. No.	Part No.	Part Name & Description	Remarks
C842	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C843	F1K1C1060001	Ceramic, 10µF 16WV	T
C844	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C845	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C846	F1H0J1050010	Chip, 1µF 6.3WV	T
C847	F1H0J1050010	Chip, 1µF 6.3WV	T
C848	F1H0J1050010	Chip, 1µF 6.3WV	T
C852	F1J1A106A023	Chip, 10µF 10WV	T
C853	F1J1A106A023	Chip, 10µF 10WV	T
C854	F1J1A106A023	Chip, 10µF 10WV	T
C855	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C856	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C857	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C858	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C859	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C860	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C861	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C862	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C863	F1H0J1050010	Chip, 1µF 6.3WV	T
C864	F1J1H105A539	Chip, 1µF 50WV	T
C868	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C874	F1H1H103A842	Chip, 0.01µF 50WV	T
C875	F1H0J1050010	Chip, 1µF 6.3WV	T
C901	F1J1A106A023	Chip, 10µF 10WV	T
C902	F1J1A106A023	Chip, 10µF 10WV	T
C903	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C904	F1K1C1060001	Ceramic, 10µF 16WV	T
C905	F1K1C1060001	Ceramic, 10µF 16WV	T
C908	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C909	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C910	F1H0J1050010	Chip, 1µF 6.3WV	T
C911	F1J1A106A023	Chip, 10µF 10WV	T
C912	F1H1H470A841	Chip, 47PF 50WV	T
C913	F1H1H101A737	Chip, 100PF 50WV	T
C914	F1K1C1060001	Ceramic, 10µF 16WV	T
R820	F1H1H104A783	Ceramic, 0.1µF 50WV	T
R822	F1H1H104A783	Ceramic, 0.1µF 50WV	T
RESISTERs			
R401	D0GB363JA008	Chip, 36kΩ 1/10W	T
R402	D0GB394JA008	Chip, 390kΩ 1/10W	T
R403	D0GB243JA008	Chip, 24kΩ 1/10W	T
R404	D0GB913JA008	Chip, 91kΩ 1/10W	T
R405	D0GB753JA008	Chip, 75kΩ 1/10W	T
R406	D0GB243JA008	Chip, 24kΩ 1/10W	T
R407	D0GB753JA008	Chip, 75kΩ 1/10W	T
R408	D0GB224JA008	Chip, 220kΩ 1/10W	T
R409	D0GB104JA008	Chip, 100kΩ 1/10W	T
R410	D0GBR00JA008	Chip, 0Ω 1/10W	T
R411	D0GB102JA008	Chip, 1kΩ 1/10W	T
R412	D0GB113JA008	Chip, 11kΩ 1/10W	T
R413	D0GB243JA008	Chip, 24kΩ 1/10W	T
R414	D0GB304JA008	Chip, 300kΩ 1/10W	T
R415	D1BDR220A103	Chip, 0.22Ω	T
R416	D1BDR560A103	Chip, 0.56Ω	T
R417	D1BDR220A103	Chip, 0.22Ω	T
R418	D0YFR00J0001	Chip, 0Ω	T
R419	D0YFR00J0001	Chip, 0Ω	T
R420	D0GB562JA008	Chip, 5.6kΩ 1/10W	T
R421	D0GB273JA008	Chip, 27kΩ 1/10W	T
R422	D0GBR00JA008	Chip, 0Ω 1/10W	T
R425	D0GB113JA008	Chip, 11kΩ 1/10W	T
R426	D0GB103JA008	Chip, 10kΩ 1/10W	T
R427	D0GB682JA008	Chip, 6.8kΩ 1/10W	T
R452	D0GB103JA008	Chip, 10kΩ 1/10W	T
R453	D0GB103JA008	Chip, 10kΩ 1/10W	T
R454	D0GB473JA008	Chip, 47kΩ 1/10W	T
R455	D0GB563JA008	Chip, 56kΩ 1/10W	T
R456	D1BD4300A030	Chip, 430Ω 1/8W	T
R457	D1BD3302A030	Chip, 33kΩ 1/8W	T
R458	D1BD5102A030	Chip, 51kΩ 1/8W	T
R459	D0GB105JA008	Chip, 1MΩ 1/10W	T
R460	D1BB2203A012	Chip, 220kΩ	T

Ref. No.	Part No.	Part Name & Description	Remarks
R461	D0GB563JA008	Chip, 56kΩ 1/10W	T
R462	D0GB102JA008	Chip, 1kΩ 1/10W	T
R463	D0GB104JA008	Chip, 100kΩ 1/10W	T
R464	D0GB102JA008	Chip, 1kΩ 1/10W	T
R465	D0GB394JA008	Chip, 390kΩ 1/10W	T
R466	D0GB221JA008	Chip, 220Ω 1/10W	T
R467	D0GB221JA008	Chip, 220Ω 1/10W	T
R470	D0GDR00JA017	Chip, 0Ω 1/8W	T
R471	D0GB224JA008	Chip, 220kΩ 1/10W	T
R472	D0YFR00J0001	Chip, 0Ω	T
R473	D0YFR00J0001	Chip, 0Ω	T
R474	D0YFR00J0001	Chip, 0Ω	T
R475	D0YFR00J0001	Chip, 0Ω	T
R476	D0GB274JA008	Chip, 270kΩ 1/10W	T
R477	D0GBR00JA008	Chip, 0Ω 1/10W	T
R481	D0GFR00JA017	Chip, 0Ω 1/8W	T
R482	D0GFR00JA017	Chip, 0Ω 1/8W	T
R501	D0GB203JA008	Chip, 20kΩ 1/10W	T
R502	D0GB331JA008	Chip, 330Ω 1/10W	T
R503	D0GB331JA008	Chip, 330Ω 1/10W	T
R504	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R505	D0GB331JA008	Chip, 330Ω 1/10W	T
R810	D0GB105JA008	Chip, 1MΩ 1/10W	T
R811	D0GBR00JA008	Chip, 0Ω 1/10W	T
R815	D0YFR00J0001	Chip, 0Ω	T
R816	D0YFR00J0001	Chip, 0Ω	T
R824	D0GBR00JA008	Chip, 0Ω 1/10W	T
R825	D0GBR00JA008	Chip, 0Ω 1/10W	T
R827	D0GB331JA008	Chip, 330Ω 1/10W	T
R828	D0GBR00JA008	Chip, 0Ω 1/10W	T
R829	D0GBR00JA008	Chip, 0Ω 1/10W	T
R840	D0GB750JA008	Chip, 75Ω 1/10W	T
R841	D0GB750JA008	Chip, 75Ω 1/10W	T
R842	D0GB330JA008	Chip, 33Ω 1/10W	T
R843	D0GB330JA008	Chip, 33Ω 1/10W	T
R844	D0GB330JA008	Chip, 33Ω 1/10W	T
R845	D0GB330JA008	Chip, 33Ω 1/10W	T
R846	D0GB330JA008	Chip, 33Ω 1/10W	T
R847	D0GB330JA008	Chip, 33Ω 1/10W	T
R848	D0GB330JA008	Chip, 33Ω 1/10W	T
R849	D0GB330JA008	Chip, 33Ω 1/10W	T
R850	D0GB330JA008	Chip, 33Ω 1/10W	T
R851	D0GB330JA008	Chip, 33Ω 1/10W	T
R856	D0GB102JA008	Chip, 1kΩ 1/10W	T
R857	D0GB330JA008	Chip, 33Ω 1/10W	T
R858	D0GB330JA008	Chip, 33Ω 1/10W	T
R859	D0GB333JA008	Chip, 33kΩ 1/10W	T
R860	D0GB105JA008	Chip, 1MΩ 1/10W	T
R861	D0GB105JA008	Chip, 1MΩ 1/10W	T
R862	D0GB105JA008	Chip, 1MΩ 1/10W	T
R863	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R864	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R865	D0GB332JA008	Chip, 3.3kΩ 1/10W	T
R869	D0GB152JA008	Chip, 1.5kΩ 1/10W	T
R870	D0GB331JA008	Chip, 330Ω 1/10W	T
R871	D0GB152JA008	Chip, 1.5kΩ 1/10W	T
R872	D0GB331JA008	Chip, 330Ω 1/10W	T
R873	D0GB152JA008	Chip, 1.5kΩ 1/10W	T
R874	D0GB331JA008	Chip, 330Ω 1/10W	T
R875	D0GB823JA008	Chip, 82kΩ 1/10W	T
R876	D0GB123JA008	Chip, 12kΩ 1/10W	T
R877	D0GB823JA008	Chip, 82kΩ 1/10W	T
R878	D0GB123JA008	Chip, 12kΩ 1/10W	T
R879	D0GB823JA008	Chip, 82kΩ 1/10W	T
R880	D0GB123JA008	Chip, 12kΩ 1/10W	T
R881	D0GB750JA008	Chip, 75Ω 1/10W	T
R882	D0GB750JA008	Chip, 75Ω 1/10W	T
R883	D0GB750JA008	Chip, 75Ω 1/10W	T
R884	D0GB511JA008	Chip, 510Ω 1/10W	T
R888	D0GB221JA008	Chip, 220Ω 1/10W	T
R889	D0GB221JA008	Chip, 220Ω 1/10W	T
R890	D0GBR00JA008	Chip, 0Ω 1/10W	T
R891	D0GBR00JA008	Chip, 0Ω 1/10W	T
R895	D0GBR00JA008	Chip, 0Ω 1/10W	T

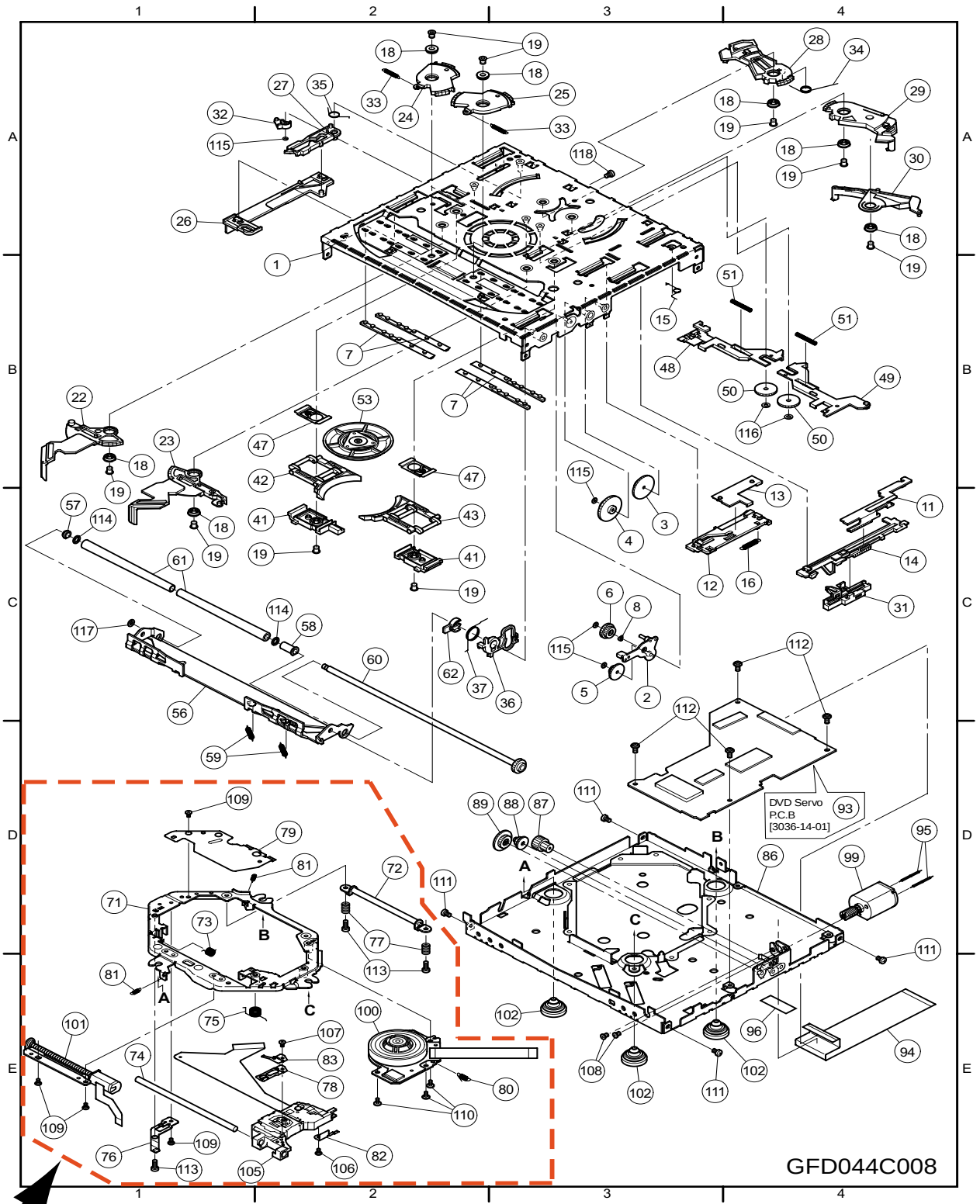
Ref. No.	Part No.	Part Name & Description	Remarks
R898	D0GB330JA008	Chip, 33Ω 1/10W	T
R905	D0GB273JA008	Chip, 27kΩ 1/10W	T
R906	D0GB103JA008	Chip, 10kΩ 1/10W	T
R907	D0GB562JA008	Chip, 5.6kΩ 1/10W	T
R908	D0GB103JA008	Chip, 10kΩ 1/10W	T
R909	D0GB103JA008	Chip, 10kΩ 1/10W	T
R910	D0GB103JA008	Chip, 10kΩ 1/10W	T
R911	D0GB4R7JA066	Chip, 4.7Ω	T
R912	D0YFR00J0001	Chip, 0Ω	T
R914	D0GBR00JA008	Chip, 0Ω 1/10W	T
R915	D0GBR00JA008	Chip, 0Ω 1/10W	T
R916	D0GBR00JA008	Chip, 0Ω 1/10W	T
R917	D0GBR00JA008	Chip, 0Ω 1/10W	T
R918	D0GBR00JA008	Chip, 0Ω 1/10W	T
R919	D0GBR00JA008	Chip, 0Ω 1/10W	T
R920	D0GBR00JA008	Chip, 0Ω 1/10W	T
R921	D0GBR00JA008	Chip, 0Ω 1/10W	T
R926	D0YFR00J0001	Chip, 0Ω	T
R927	D0YFR00J0001	Chip, 0Ω	T
R928	D0YFR00J0001	Chip, 0Ω	T
R929	D0YFR00J0001	Chip, 0Ω	T
R930	D0YFR00J0001	Chip, 0Ω	T
R931	D0YFR00J0001	Chip, 0Ω	T
R932	D0YFR00J0001	Chip, 0Ω	T
R933	D0YFR00J0001	Chip, 0Ω	T
R934	D0YFR00J0001	Chip, 0Ω	T
R935	D0YFR00J0001	Chip, 0Ω	T
			T
CONNECTORs			
CN451	K1KA02B00250	2P Connector	T
CN452	K1MN30BA0112	30P Connector	T
CN901	K1MN30BA0036	30P Connector	T
CN902	K1MN08BA0189	8P Connector	T
FILTERs			
FL401	J0JHC0000026	Noise Filter	T
FL402	J0JJC0000003	RF Coil	T
FL403	J0JHC0000026	Noise Filter	T
FL404	J0JHC0000026	Noise Filter	T
FL405	D0YFR00J0001	Chip, 0Ω	T
FL406	J0JHC0000026	Noise Filter	T
FL451	J0JGC0000020	Coil	T
FL801	J0JHC0000026	Noise Filter	T
FL804	J0JCC0000042	Coil	T
FL901	G1C470JA0036	RF Coil	T
FL902	G1C470JA0036	RF Coil	T
FL904	J0JGC0000020	Coil	T
FL905	J0JGC0000020	Coil	T
FL906	J0JGC0000020	Coil	T
COILs			
L401	SIL620-221	Choke Coil	T
L402	SIL620-470	Choke Coil	T
L403	SIL620-221	Choke Coil	T
L451	SIL620-100	Choke Coil	T
L802	G1C2R7JA0036	Coil	T
L803	G1C2R7JA0036	Coil	T
R885	J0JGC0000020	Coil	T
R886	J0JGC0000020	Coil	T
R887	J0JGC0000020	Coil	T
SWITCHs			
SW501	K0H1BB000044	Push Switch	T
SW502	K0H1BB000044	Push Switch	T
SW503	K0H1BB000044	Push Switch	T
INVERTER			
T451	YS25870008	Inverter	T

Ref. No.	Part No.	Part Name & Description	Remarks
CRYSTAL			
X801	XVHEELNANF27	Crystal	T
[E9940A]SW Block			
IC			
IC551	B3RAD0000121	IC	T
DIODEs			
D551	B3ABB0000284	LED	T
D552	B3ABB0000284	LED	T
D553	B3ABB0000284	LED	T
D554	B3ABB0000284	LED	T
D555	B3ABB0000284	LED	T
D556	B3AEB0000088	LED	T
D557	B3ABB0000284	LED	T
D558	B3ABB0000284	LED	T
D559	B3ABB0000284	LED	T
D560	B3ABB0000284	LED	T
D561	B0BC5R600010	Zener Diode	T
D562	B0BC5R600010	Zener Diode	T
D563	B0BC5R600010	Zener Diode	T
D566	B0BC5R600010	Zener Diode	T
CAPACITORs			
C551	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C552	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C553	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C554	F1H1H103A842	Chip, 0.01µF 50WV	T
C555	F1H1H103A842	Chip, 0.01µF 50WV	T
C556	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C557	F1J1A2250004	Ceramic, 2.2µF 10WV	T
C558	F1H1H102A841	Chip, 1000PF 50WV	T
C559	F1H1H103A842	Chip, 0.01µF 50WV	T
C560	F1H1H104A783	Ceramic, 0.1µF 50WV	T
C561	F1J1A106A023	Chip, 10µF 10WV	T
C562	F1J1A106A023	Chip, 10µF 10WV	T
C563	F1H1H102A841	Chip, 1000PF 50WV	T
C564	F1H1H102A841	Chip, 1000PF 50WV	T
RESISTERs			
R551	D0GB101JA008	Chip, 100Ω 1/10W	T
R552	D0GB101JA008	Chip, 100Ω 1/10W	T
R553	D0GB181JA008	Chip, 180Ω 1/10W	T
R554	D0GB151JA008	Chip, 150Ω 1/10W	T
R555	D0GB101JA008	Chip, 100Ω 1/10W	T
R556	D0GB151JA008	Chip, 150Ω 1/10W	T
R557	D0GB472JA008	Chip, 4.7kΩ 1/10W	T
R558	D0GB471JA008	Chip, 470Ω 1/10W	T
R559	D0GB101JA008	Chip, 100Ω 1/10W	T
R560	D0GB621JA008	Chip, 620Ω 1/10W	T
R561	D0GB621JA008	Chip, 620Ω 1/10W	T
R562	D0GB203JA008	Chip, 20kΩ 1/10W	T
R563	D0GB822JA008	Chip, 8.2kΩ 1/10W	T
R564	D0GB621JA008	Chip, 620Ω 1/10W	T
R565	D0GB101JA008	Chip, 100Ω 1/10W	T
R566	D0GB101JA008	Chip, 100Ω 1/10W	T
R567	D0GB101JA008	Chip, 100Ω 1/10W	T
R568	D0GB101JA008	Chip, 100Ω 1/10W	T
R569	D0GB473JA008	Chip, 47kΩ 1/10W	T
R570	D0GB473JA008	Chip, 47kΩ 1/10W	T
R571	D0GB102JA008	Chip, 1kΩ 1/10W	T
R572	D0GB102JA008	Chip, 1kΩ 1/10W	T
SWITCHs			
SW551	ESE22MV21T	Switch	T
SW552	K9AA015Y0019	Encoder	T

Ref. No.	Part No.	Part Name & Description	Remarks
SW553	K0H1BA000445	Tact Switch	T
SW554	K0H1BA000445	Tact Switch	T
SW555	K0H1BA000445	Tact Switch	T
SW556	K0H1BA000445	Tact Switch	T
SW557	K0H1BA000445	Tact Switch	T
SW558	K0H1BA000445	Tact Switch	T
SW559	K0H1BA000445	Tact Switch	T
CONNECTOR			
CN551	K1MN20AA0058	20P Connector	T
JK551	LGT85090100F	DC In Jack	T
Accessories			
PRINTINGs			
	-	Operating Instructions	A, TSN
	YFM284C697ZA	Operating Instructions	B, T
	-	Installstion Instructions	A, TSN
	YFM294C110ZA	Installstion Instructions	B, T
Installation Hardware (For Installation)			
	YFC054C087CA	Trim Plate	T
	YFX214C433CA	Mounting Collar	T
	YFX054C077CA	Mounting Spring	T
	YEJV01060	Mounting Bolt	T
	ZZBISVD7001B	Bis-Kit (Round Head Screw, Flat-Head Screw, Round Head Screw)	T
	ZZBISVD7001E	Bis-Kit (Spacer, Double-Faced Adhesive Tape)	T
Installation Hardware (For Wiring)			
	YAJ024C122CA	Power Connector	T
	YEAERA33000K	Conversion Cable for AV1 IN	T
Option			
	YEFA134269	Removable Face Plate Case	
Michanical Parts			
MISCELLANEOUS			
AT1	K4CD01000015	Terminal	T
AT2	K4CD01000015	Terminal	T
AT3	K4CD01000015	Terminal	T
AT4	K4CD01000015	Terminal	T
1	YFA014C072CA	Slide Mechanism Ass'y	T
2	YEFX0052716	Spring, (L)	T
3	YEFX0052717	Spring, (R)	T
5	APCB9939A0	TFT PCB Ass'y	T/RTL
6	YFV994C150ZA	Sponge, TFT PCB	T
7	YFV014C122ZA	Shield Sheet	T
8	YFX214C471ZA	TFT Bracket (F)	T
9	YEFV022019	Sponge, Color Screen	T
10	L5EDDYY00052	LCD Panel For Monitor	T
11	YFS014C103ZA	Sponge, LCD	T
12	YEFV012410	TFT Sheet	T
13	YFX214C472ZA	TFT Bracket (R)	T
15	N2BAAYY00021	Touch Panel	T
16	YFC034C106ZA	Monitor Cover Ass'y	A, T
16	YFC034C107ZA	Monitor Cover Ass'y	B, T
17	YFE134C568ZA	Button, DIM	T
18	YFS014C756ZB	Sheet	T
19	YFE134C567ZA	Button, OPEN/CLOSE/TILT	T
20	ZZFPC-VD7003	FPC Ass'y	A, T
20	ZZFPC-VD5005	FPC Ass'y	B, T
21	YFX214C473ZA	Bracket (R) , DVD Deck	T
22	YFX214C474ZA	Magnetic Shield (U), Deck	T
23	YFM024C524ZB	Laser Seal	T
24	YFV014C132ZA	Sheet, RCA	T
25	YFS014C132ZA	Dielectric Pad	T
26	YFV014C134ZA	Sponge, DVD Deck	T
28	YFC034C108ZA	Plane Rear Plate	A, T
28	YFC034C109ZA	Plane Rear Plate	B, T
29	YEFN07025	Brand	T

Ref. No.	Part No.	Part Name & Description	Remarks
30	FD044C008U	DVD DECK	A, T
30	FD044C008L	DVD DECK	B, T
31	DETACH5005W	Removable Face Plate	T
32	YFE074C075ZA	VOL Knob (PUSH SEL)	T
33	YFJ014C242ZA	Decoration (L)	T
34	YFJ014C243ZA	Decoration (R)	T
35	YFX994C142ZA	Tape (L)	T
36	YFX994C143ZA	Tape (R)	T
38	YFX014C104ZA	Panel Light (VOL)	T
39	YEFU022019	Shading Pad	T
40	YFJ014C244ZA	Remote Control Sensor Cap	T
41	YFC034C087ZA	Escutcheon Holder	T
42	YFE134C562ZA	Button, MUTE/SETUP	T
43	YFE134C561ZA	Button, SOURCE	T
44	YFE134C563ZA	Button, TUNE/TRACK/EJECTS	T
45	YFS014C120ZA	Dust Felt	T
46	YFX014C105ZA	Panel Light (DISC)	T
47	YFA054C054ZA	Under Cover	T
48	YFV014C128ZA	Sheet	T
49	YFC034C114ZA	Cover	T
51	APCB9940A0	SW PCB Ass'y	T/RTL
52	YEAEFFC127	FFC (20P)	T
53	YFR044C013ZA	RCA Cap	T
54	YFX214C476ZA	IC Bracket, IC701	T
55	UDQFBFM21	Fan	T
56	APCB3173C0	Main PCB Ass'y	T/RTL
57	YFF014C062ZA	Heat Sink	T
58	YEFX0217311	Power Bracket, IC201	T
59	YFX214C475ZA	Tuner Shield Case, PA51	T
60	YEFV012526	Sheet (TUNER)	T
61	YFA084C075ZA	Rear Plate	T
62	YFX214C469ZA	Connect Bracket (REAR)	T
63	YEAER5A2101K	RCA Cord	T
64	YFX214C470ZA	Power Bracket, CN701	T
81	YEJS06024	Screw	T
82	YEJS06266	Screw	T
83	YEJS06342	Screw	T
84	YJT034C043ZA	Screw 2.6X6	T
85	XTB26+6FFN	Screw 2.6X6	T
86	YEJT03274	Screw M3X18	T
87	XQN2+AF3FN	Screw M2X3	T
89	XTB2+8GFZ	Screw	T
90	XYN2+J14FN	Screw M2X14	T
91	YEJT03340	Screw	T
93	YJT034C706FN	Screw	T
94	XTB2+5GFN	Screw 2X5	T
95	XTB26+5FFN	Screw	T
96	XTB2+8GFN	Screw	T

10.3. Exploded View (DVD Deck)



When replacing any part in the dotted line, the whole deck mechanic ass'y must be replaced.

(Reason: Tilting adjustments cannot be made after replacing.)

* The same applies when putting back in its original position after removing.

10.4. DVD Player Parts List

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
   - Order intake period is basically six months after the first shipment.
5. “T” marks in remarks colum are indicated supply parts of PTW.
6. “A” or “B” marks in remarks column are indicated as follows :
   - A : CQ-VD5005U
   - B : CQ-VD5005L

Ref. No.	Part No.	Part Name & Description	Remarks
[3036-14-01] DVD Servo Block			
IC's and TRANSISTORs			
IC101	YESAM366	IC	
IC102	-	IC	T, A
IC102	-	IC	T, B
IC103	YESAM406	IC	
IC104	YESAM370	IC	
IC105	YESAM294	IC	
IC106	YESAM407	IC	
IC107	YESAM364	IC	
IC301	YESAM405	IC	
Q101	YESAN140	Transistor	
Q102	YESAN140	Transistor	
Q201	YESAN144	Transistor	
Q202	YESAN144	Transistor	
Q203	YESAN139	Transistor	
Q204	YESAN147	Transistor	
Q205	YESAN137	Transistor	
Q206	YESAN137	Transistor	
Q207	YESAN145	Transistor	
Q211	YESAN138	Transistor	
Q212	YESAN138	Transistor	
DIODEs			
D104	YESAD157	Zener Diode	
D105	YESAD157	Zener Diode	
D106	YESAD157	Zener Diode	
D107	YESAD157	Zener Diode	
D108	YESAD157	Zener Diode	
CAPACITORs			
C101	YESCC629	Ceramic, 0.1µF 16WV	
C102	YESCC645	Electrolytic, 47µF 10WV	
C103	YESCC635	Ceramic, 22µF 16WV	
C104	YESCC629	Ceramic, 0.1µF 16WV	
C107	YESCC636	Electrolytic, 100µF 6.3WV	
C114	YESCC637	Electrolytic, 1µF 16WV	
C117	YESCC632	Ceramic, 0.01µF 16WV	
C118	YESCC632	Ceramic, 0.01µF 16WV	
C120	YESCC640	Electrolytic, 220µF 4WV	
C121	YESCC636	Electrolytic, 100µF 6.3WV	
C124	YESCC629	Ceramic, 0.1µF 16WV	
C126	YESCC644	Electrolytic, 22µF 10WV	
C127	YESCC629	Ceramic, 0.1µF 16WV	
C128	YESCC641	Electrolytic, 10µF 6.3WV	
C129	YESCC629	Ceramic, 0.1µF 16WV	
C130	YESCC629	Ceramic, 0.1µF 16WV	
C131	YESCC629	Ceramic, 0.1µF 16WV	
C132	YESCC629	Ceramic, 0.1µF 16WV	
C133	YESCC626	Ceramic, 12pF 50WV	
C134	YESCC624	Ceramic, 10pF 50WV	
C135	YESCC452	Ceramic, 1µF 16WV	
C136	YESCC452	Ceramic, 1µF 16WV	
C137	YESCC629	Ceramic, 0.1µF 16WV	
C138	YESCC629	Ceramic, 0.1µF 16WV	
C139	YESCC636	Electrolytic, 100µF 6.3WV	
C141	YESCC635	Ceramic, 22µF 16WV	
C142	YESCC629	Ceramic, 0.1µF 16WV	
C143	YESCC636	Electrolytic, 100µF 6.3WV	
C144	YESCC452	Ceramic, 1µF 16WV	
C145	YESCC452	Ceramic, 1µF 16WV	
C146	YESCC629	Ceramic, 0.1µF 16WV	
C147	YESCC629	Ceramic, 0.1µF 16WV	
C148	YESCC633	Ceramic, 0.018µF 16WV	
C149	YESCC625	Ceramic, 100pF 50WV	
C150	YESCC629	Ceramic, 0.1µF 16WV	
C151	YESCC629	Ceramic, 0.1µF 16WV	
C152	YESCC630	Ceramic, 0.033µF 16WV	
C153	YESCC629	Ceramic, 0.1µF 16WV	
C154	YESCC629	Ceramic, 0.1µF 16WV	
C155	YESCC629	Ceramic, 0.1µF 16WV	
C156	YESCC629	Ceramic, 0.1µF 16WV	
C157	YESCC629	Ceramic, 0.1µF 16WV	
C158	YESCC629	Ceramic, 0.1µF 16WV	
C159	YESCC629	Ceramic, 0.1µF 16WV	
C160	YESCC629	Ceramic, 0.1µF 16WV	
C161	YESCC629	Ceramic, 0.1µF 16WV	
C162	YESCC629	Ceramic, 0.1µF 16WV	
C163	YESCC629	Ceramic, 0.1µF 16WV	
C164	YESCC643	Electrolytic, 47µF 6.3WV	
C165	YESCC629	Ceramic, 0.1µF 16WV	
C166	YESCC629	Ceramic, 0.1µF 16WV	
C167	YESCC629	Ceramic, 0.1µF 16WV	
C168	YESCC629	Ceramic, 0.1µF 16WV	
C169	YESCC629	Ceramic, 0.1µF 16WV	
C170	YESCC629	Ceramic, 0.1µF 16WV	
C171	YESCC629	Ceramic, 0.1µF 16WV	
C172	YESCC629	Ceramic, 0.1µF 16WV	
C173	YESCC629	Ceramic, 0.1µF 16WV	
C174	YESCC629	Ceramic, 0.1µF 16WV	
C175	YESCC629	Ceramic, 0.1µF 16WV	
C176	YESCC629	Ceramic, 0.1µF 16WV	
C177	YESCC629	Ceramic, 0.1µF 16WV	
C178	YESCC629	Ceramic, 0.1µF 16WV	
C179	YESCC636	Electrolytic, 100µF 6.3WV	
C183	YESCC629	Ceramic, 0.1µF 16WV	
C184	YESCC629	Ceramic, 0.1µF 16WV	
C185	YESCC629	Ceramic, 0.1µF 16WV	
C186	YESCC629	Ceramic, 0.1µF 16WV	
C187	YESCC629	Ceramic, 0.1µF 16WV	
C188	YESCC629	Ceramic, 0.1µF 16WV	
C190	YESCC638	Electrolytic, 100µF 4WV	
C191	YESCC629	Ceramic, 0.1µF 16WV	
C192	YESCC629	Ceramic, 0.1µF 16WV	
C193	YESCC629	Ceramic, 0.1µF 16WV	
C194	YESCC629	Ceramic, 0.1µF 16WV	
C195	YESCC642	Electrolytic, 22µF 6.3WV	
C196	YESCC629	Ceramic, 0.1µF 16WV	
C197	YESCC629	Ceramic, 0.1µF 16WV	
C199	YESCC639	Electrolytic, 22µF 4WV	
C202	YESCC629	Ceramic, 0.1µF 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C203	YESCC629	Ceramic, 0.1µF 16WV	
C221	YESCC631	Ceramic, 0.047µF 16WV	
C231	YESCC556	Ceramic, 0.33µF 16WV	
C233	YESCC628	Ceramic, 470pF 16WV	
C234	YESCC628	Ceramic, 470pF 16WV	
C235	YESCC628	Ceramic, 470pF 16WV	
C236	YESCC628	Ceramic, 470pF 16WV	
C241	YESCC643	Electrolytic, 47µF 6.3WV	
C243	YESCC643	Electrolytic, 47µF 6.3WV	
C245	YESCC631	Ceramic, 0.047µF 16WV	
C246	YESCC631	Ceramic, 0.047µF 16WV	
C247	YESCC645	Electrolytic, 47µF 10WV	
C248	YESCC629	Ceramic, 0.1µF 16WV	
C250	YESCC645	Electrolytic, 47µF 10WV	
C251	YESCC629	Ceramic, 0.1µF 16WV	
C253	YESCC629	Ceramic, 0.1µF 16WV	
C254	YESCC641	Electrolytic, 10µF 6.3WV	
C256	YESCC641	Electrolytic, 10µF 6.3WV	
C258	YESCC629	Ceramic, 0.1µF 16WV	
C259	YESCC629	Ceramic, 0.1µF 16WV	
C260	YESCC632	Ceramic, 0.01µF 16WV	
C267	YESCC632	Ceramic, 0.01µF 16WV	
C269	YESCC632	Ceramic, 0.01µF 16WV	
C270	YESCC647	Electrolytic, 47µF 16WV	
C271	YESCC646	Electrolytic, 100µF 16WV	
C272	YESCC647	Electrolytic, 47µF 16WV	
C273	YESCC645	Electrolytic, 47µF 10WV	
C274	YESCC645	Electrolytic, 47µF 10WV	
C275	YESCC645	Electrolytic, 47µF 10WV	
C276	YESCC635	Ceramic, 22µF 16WV	
C302	YESCC625	Ceramic, 100pF 50WV	
C303	YESCC629	Ceramic, 0.1µF 16WV	
C304	YESCC632	Ceramic, 0.01µF 16WV	
C306	YESCC634	Ceramic, 0.0033µF 50WV	
C307	YESCC634	Ceramic, 0.0033µF 50WV	
C308	YESCC634	Ceramic, 0.0033µF 50WV	
C310	YESCC629	Ceramic, 0.1µF 16WV	
C311	YESCC629	Ceramic, 0.1µF 16WV	
C313	YESCC629	Ceramic, 0.1µF 16WV	
C314	YESCC629	Ceramic, 0.1µF 16WV	
C317	YESCC634	Ceramic, 0.0033µF 50WV	
C318	YESCC629	Ceramic, 0.1µF 16WV	
C319	YESCC629	Ceramic, 0.1µF 16WV	
C322	YESCC632	Ceramic, 0.01µF 16WV	
C323	YESCC627	Ceramic, 270pF 16WV	
RESISTORs			
L102	YESRG241	Chip, 0Ω 1/8W	
L110	YESRG241	Chip, 0Ω 1/8W	
L126	YESRG241	Chip, 0Ω 1/8W	
L127	YESRG241	Chip, 0Ω 1/8W	
R102	YESRG537	Chip, 100Ω 1/16W	
R103	YESRG539	Chip, 10kΩ 1/16W	
R105	YESRG538	Chip, 1kΩ 1/16W	
R106	YESRG538	Chip, 1kΩ 1/16W	
R107	YESRG537	Chip, 100Ω 1/16W	
R108	YESRG561	Chip, 0Ω 1/16W	
R109	YESRG561	Chip, 0Ω 1/16W	
R110	YESRG561	Chip, 0Ω 1/16W	
R112	YESRG541	Chip, 1MΩ 1/16W	
R113	YESRG544	Chip, 1.8kΩ 1/16W	
R115	ERJ3GEY0R00V	Chip, 0Ω 1/4W	
R116	YESRG561	Chip, 0Ω 1/16W	
R117	YESRG557	Chip, 100Ω 1/16W	
R118	YESRG559	Chip, 15kΩ 1/16W	
R119	YESRG558	Chip, 1.5Ω 1/16W	
R120	YESRG560	Chip, 3.3kΩ 1/16W	
R122	YESRG539	Chip, 10kΩ 1/16W	
R123	YESRG539	Chip, 10kΩ 1/16W	
R124	YESRG539	Chip, 10kΩ 1/16W	
R125	YESRG550	Chip, 4.7kΩ 1/16W	
R131	YESRG539	Chip, 10kΩ 1/16W	
R132	YESRG539	Chip, 10kΩ 1/16W	

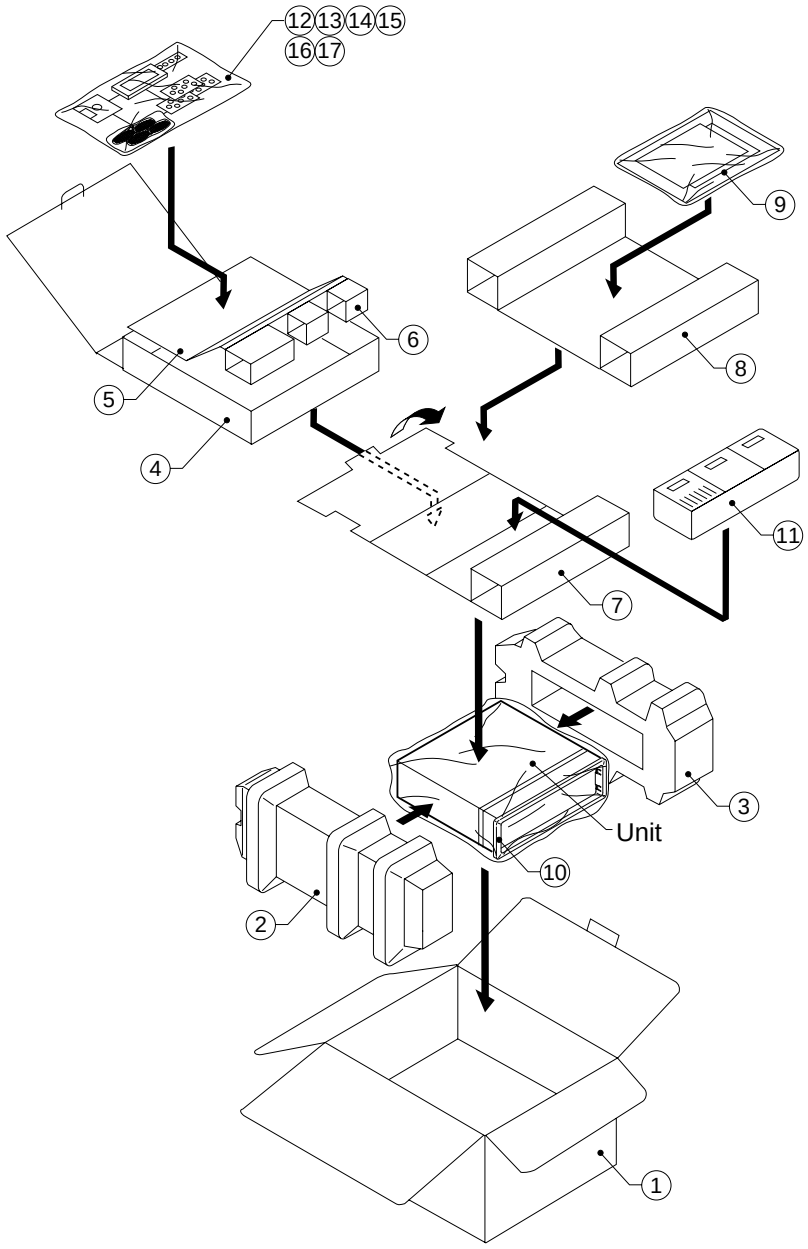
Ref. No.	Part No.	Part Name & Description	Remarks
R133	YESRG550	Chip, 4.7kΩ 1/16W	
R136	YESRG561	Chip, 0Ω 1/16W	
R144	ERJ3GEY0R00V	Chip, 0Ω 1/4W	
R145	YESRG542	Chip, 150Ω 1/16W	
R146	YESRG547	Chip, 33Ω 1/16W	
R152	YESRG537	Chip, 100Ω 1/16W	
R153	YESRG537	Chip, 100Ω 1/16W	
R154	YESRG537	Chip, 100Ω 1/16W	
R156	YESRG542	Chip, 150Ω 1/16W	
R163	YESLQ061	Inductor	
R167	YESRG539	Chip, 10kΩ 1/16W	
R171	YESRG539	Chip, 10kΩ 1/16W	
R173	YESRG561	Chip, 0Ω 1/16W	
R174	YESRG539	Chip, 10kΩ 1/16W	
R176	YESRG539	Chip, 10kΩ 1/16W	
R177	YESRG539	Chip, 10kΩ 1/16W	
R181	YESRG547	Chip, 33Ω 1/16W	
R182	YESRG547	Chip, 33Ω 1/16W	
R185	YESRG547	Chip, 33Ω 1/16W	
R186	YESRG547	Chip, 33Ω 1/16W	
R189	YESRG538	Chip, 1kΩ 1/16W	
R192	YESRG561	Chip, 0Ω 1/16W	
R193	YESRG561	Chip, 0Ω 1/16W	
R195	YESRG552	Chip, 75Ω 1/16W	
R218	YESRG546	Chip, 180kΩ 1/16W	
R227	YESRG538	Chip, 1kΩ 1/16W	
R230	YESRG553	Chip, 7.5kΩ 1/16W	
R231	YESRG561	Chip, 0Ω 1/16W	
R236	YESRG539	Chip, 10kΩ 1/16W	
R237	YESRG539	Chip, 10kΩ 1/16W	
R238	YESRG539	Chip, 10kΩ 1/16W	
R239	YESRG539	Chip, 10kΩ 1/16W	
R240	YESRG539	Chip, 10kΩ 1/16W	
R241	YESRG539	Chip, 10kΩ 1/16W	
R242	YESRG539	Chip, 10kΩ 1/16W	
R243	YESRG539	Chip, 10kΩ 1/16W	
R244	YESRG561	Chip, 0Ω 1/16W	
R245	YESRG561	Chip, 0Ω 1/16W	
R246	YESRG536	Chip, 10Ω 1/16W	
R247	YESRG536	Chip, 10Ω 1/16W	
R248	YESRG536	Chip, 10Ω 1/16W	
R249	YESRG536	Chip, 10Ω 1/16W	
R250	YESRG561	Chip, 0Ω 1/16W	
R253	YESRG561	Chip, 0Ω 1/16W	
R254	YESRG561	Chip, 0Ω 1/16W	
R255	YESRG561	Chip, 0Ω 1/16W	
R256	YESRG561	Chip, 0Ω 1/16W	
R257	YESRG561	Chip, 0Ω 1/16W	
R258	YESRG561	Chip, 0Ω 1/16W	
R263	YESRG539	Chip, 10kΩ 1/16W	
R264	YESRG540	Chip, 100kΩ 1/16W	
R267	YESRG561	Chip, 0Ω 1/16W	
R269	YESRG549	Chip, 470Ω 1/16W	
R270	YESRG549	Chip, 470Ω 1/16W	
R271	YESRG551	Chip, 56Ω 1/16W	
R272	YESRG549	Chip, 470Ω 1/16W	
R273	YESRG551	Chip, 56Ω 1/16W	
R274	YESRG549	Chip, 470Ω 1/16W	
R275	YESRG555	Chip, 91Ω 1/16W	
R276	YESRG555	Chip, 91Ω 1/16W	
R279	YESRG429	Chip, 1Ω 1/8W	
R280	YESRG429	Chip, 1Ω 1/8W	
R281	YESRG561	Chip, 0Ω 1/16W	
R282	YESRG553	Chip, 7.5kΩ 1/16W	
R284	YESRG539	Chip, 10kΩ 1/16W	
R285	YESRG540	Chip, 100kΩ 1/16W	
R286	YESRG543	Chip, 18Ω 1/16W	
R287	YESRG538	Chip, 1kΩ 1/16W	
R289	YESRG539	Chip, 10kΩ 1/16W	
R290	YESRG539	Chip, 10kΩ 1/16W	
R291	YESRG537	Chip, 100Ω 1/16W	
R292	YESRG537	Chip, 100Ω 1/16W	
R293	YESRG537	Chip, 100Ω 1/16W	
R294	YESRG539	Chip, 10kΩ 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R296	YESRG539	Chip, 10kΩ 1/16W	
R298	YESRG539	Chip, 10kΩ 1/16W	
R299	YESRG539	Chip, 10kΩ 1/16W	
R301	YESRG561	Chip, 0Ω 1/16W	
R302	YESRG561	Chip, 0Ω 1/16W	
R303	YESRG537	Chip, 100Ω 1/16W	
R304	YESRG539	Chip, 10kΩ 1/16W	
R305	YESRG539	Chip, 10kΩ 1/16W	
R306	YESRG539	Chip, 10kΩ 1/16W	
R307	YESRG537	Chip, 100Ω 1/16W	
R309	YESRG539	Chip, 10kΩ 1/16W	
R310,	YESRG561	Chip, 0Ω 1/16W	
R311	YESRG539	Chip, 10kΩ 1/16W	
R312	YESRG561	Chip, 0Ω 1/16W	
R313	YESRG561	Chip, 0Ω 1/16W	
R314	YESRG547	Chip, 33Ω 1/16W	
R316	YESRG539	Chip, 10kΩ 1/16W	
R317	YESRG556	Chip, 2Ω 1/8W	
R318	YESRG561	Chip, 0Ω 1/16W	
R319	YESRG561	Chip, 0Ω 1/16W	
R320	YESRG561	Chip, 0Ω 1/16W	
R322	YESRG539	Chip, 10kΩ 1/16W	
R324	YESRG554	Chip, 82kΩ 1/16W	
R325	YESRG545	Chip, 18kΩ 1/16W	
R326	YESRG539	Chip, 10kΩ 1/16W	
R327	YESRG545	Chip, 18kΩ 1/16W	
R328	YESRG556	Chip, 2Ω 1/8W	
R329	YESRG561	Chip, 0Ω 1/16W	
R330	YESRG562	Chip, 0.27Ω 1/8W	
R331	YESRG561	Chip, 0Ω 1/16W	
R332	YESRG561	Chip, 0Ω 1/16W	
R333	YESRG537	Chip, 100Ω 1/16W	
R335	YESRG556	Chip, 2Ω 1/8W	
R336	YESRG556	Chip, 2Ω 1/8W	
R337	YESRG548	Chip, 33kΩ 1/16W	
R338	YESRG561	Chip, 0Ω 1/16W	
R339	YESRG561	Chip, 0Ω 1/16W	
R340	YESRG539	Chip, 10kΩ 1/16W	
R341	YESRG537	Chip, 100Ω 1/16W	
RESISTOR NETWORKs			
RA101	YESXB011	Resistor Network, 82Ω * 4	
RA102	YESXB011	Resistor Network, 82Ω * 4	
RA103	YESXB011	Resistor Network, 82Ω * 4	
RA104	YESXB011	Resistor Network, 82Ω * 4	
RA105	YESXB010	Resistor Network, 33Ω * 4	
RA106	YESXB010	Resistor Network, 33Ω * 4	
RA107	YESXB010	Resistor Network, 33Ω * 4	
RA108	YESXB010	Resistor Network, 33Ω * 4	
RA109	YESXB010	Resistor Network, 33Ω * 4	
CONNECTORs			
CN101	YESAE449	Connector, 40P	
CN201	YESAE450	Connector, 30P	
CN202	YESAE448	Connector, 20P	
COILs			
L101	YESLQ049	Inductor	
L103	YESLQ062	Inductor	
L104	YESLQ049	Inductor	
L105	YESLQ062	Inductor	
L106	YESLQ062	Inductor	
L107	YESLQ062	Inductor	
L108	YESLQ051	Inductor	
L109	YESLQ051	Inductor	
L111	YESLQ024	Inductor	
L112	YESLQ049	Inductor	
L113	YESLQ049	Inductor	
L114	YESLQ049	Inductor	
L115	YESLQ049	Inductor	
L118	YESLQ024	Inductor	

Ref. No.	Part No.	Part Name & Description	Remarks
L119	YESLQ062	Inductor	
L121	YESLQ062	Inductor	
L122	YESLQ025	Inductor	
L123	YESLQ025	Inductor	
L124	YESLQ051	Inductor	
L125	YESLQ053	Inductor	
R111	YESLQ050	Inductor	
R164	YESLQ061	Inductor	
R175	YESLQ061	Inductor	
R183	YESLQ050	Inductor	
R191	YESLQ061	Inductor	
CRYSTAL			
X101	YESXL023	Crystal	
SWITCHes			
SW1	YESAS131	Switch	
SW2	YESAS131	Switch	
SW3	YESAS131	Switch	
SW4	YESAS131	Switch	
SW6	YESAS130	Switch	
MECHANICAL PARTS			
When replacing any part that is * marks in remarks column, the whole deck mechanic ass'y must be replaced. (See the exploded view of the DVD deck.)			
1	YESFA01081	Top Frame Ass'y	
2	YESFX046187	Unlock Plate Ass'y	
3	YESFX003091	Loading Gear 5	
4	YESFX003092	Loading Gear 6	
5	YESFX003093	Loading Gear 7	
6	YESFX003094	Loading Gear 8	
7	YESFX046186	T Plate Rib	
8	YESJW01050	Thrust Washer	
11	YESFX046188	Trigger Plate	
12	YESFX046189	Trigger Rack Plate	
13	YESFX046190	Rear Cam Plate	
14	YESFX046191	Front Cam Plate	
15	YESFX005179	Rear Cam Spring	
16	YESFX005184	Trigger Rack Spring	
18	YESFW05026	Snap Collar	
19	YESFX046200	Snap Pin	
22	YESFX249027	Select Arm L	
23	YESFX249031	Select Arm R Ass'y	
24	YESFX003095	Link Gear L	
25	YESFX003096	Link Gear R	
26	YESFX046192	Link Plate	
27	YESFX215031	Lock Lever	
28	YESFX249028	Disk Stopper Arm L	
29	YESFX249029	Disk Stopper Arm R	
30	YESFX249030	Trigger Arm	
31	YESFX215032	Switch Push Lever	
32	YESFX215033	Release Lever	
33	YESFX005183	Link Gear Spring	
34	YESFX005185	DS Arm Spring	
35	YESFX005186	Lock Lever Spring	
36	YESFX046195	Disk Actuator	
37	YESFX005187	DTC Act Spring	
41	YESFX046196	Lift Base L	
42	YESFX046197	Clamper Lifter L Ass'y	
43	YESFX046198	Clamper Lifter R Ass'y	
47	YESFX046184	Lift Cover	
48	YESFX046193	Lift Plate L	
49	YESFX046194	Lift Plate R	
50	YESFX003097	Synchro Gear	
51	YESFX005177	Lift Spring	
53	YESFX046199	Clamper Ass'y	
56	YESFX249032	Roller Arm	
57	YESFW05024	Roller Guide L	
58	YESFW05025	Roller Guide R	

Ref. No.	Part No.	Part Name & Description	Remarks
59	YESFX005181	Roller Arm Spring	
60	YESFW01029	Roller Shaft Ass'y	
61	YESFX046201	Loading Roller	
62	YESFX046183	Arm Stop Ling	
71	YESFA01083	Chassis Ass'y	*
72	YESFW01031	Sub Shaft Ass'y	*
73	YESFX005188	Pick-up Adjust Spring	*
74	YESFW01030	Pick-up Shaft	*
75	YESFX005189	Pick-up Fix Spring	*
76	YESFX005190	Pick-up Control Spring Plate	*
77	YESFX005182	Sub Rail Spring	*
78	YESFX005191	Spring Plate	*
79	YESFX046185	Flexible PCB Cover	*
80	YESFX005178	Front Suspension Spring	*
81	YESFX005180	Rear Sus Spring	*
82	YESFX005192	Pick-up Sub Spring Plate	*
83	YESFX005193	Pick-up Main Spring Plate	*
86	YESFA01082	Bottom Frame Ass'y	
87	YESFX003088	Loading Gear 2	
88	YESFX003089	Loading Gear 3	
89	YESFX003090	Loading Gear 4	
93	-	Servo PCB w/Components	T/RTL, A
93	-	Servo PCB w/Components	T/RTL, B
94	YESAE451	Flat Cable	
95	YESAJ07036	Loading Motor Wire	
96	YESFV01072	Flat Cable Fix Tape	
99	YESAK01052	Loading Motor Ass'y	
100	YESAK01053	Spindle Motor Ass'y	*
101	YESAK01054	Motor Ass'y	*
102	YESFS04020	Damper	
105	YESSZ9001	Optical Pick-up Ass'y	*
106	YESJS01211	Camera Screw, 1.4*2	*
107	YESJS01212	Camera Screw, 1.7*2.5	*
108	YESJS01213	Camera Screw, 2*2	
109	YESJS01208	Camera Screw, 1.7*2	*
110	YESJS01209	Camera Screw, 1.7*3	*
111	YESJT03079	Screw, 2*2.5	
112	YESJS01148	Screw, 2*4	
113	YESJS01214	T-Adjust Screw 2*4.8	*
114	YESJW01046	Washer, 2.7*4.6*0.5	
115	YESJW01047	Washer, 1.1*2.8*0.3	
116	YESJW01048	Washer, 1.6*3.4*0.3	
117	YESJW01049	Washer, 1.8*4*0.5	
118	YESJS01210	Camera Screw, 2*3	

10.5. Packing Parts List

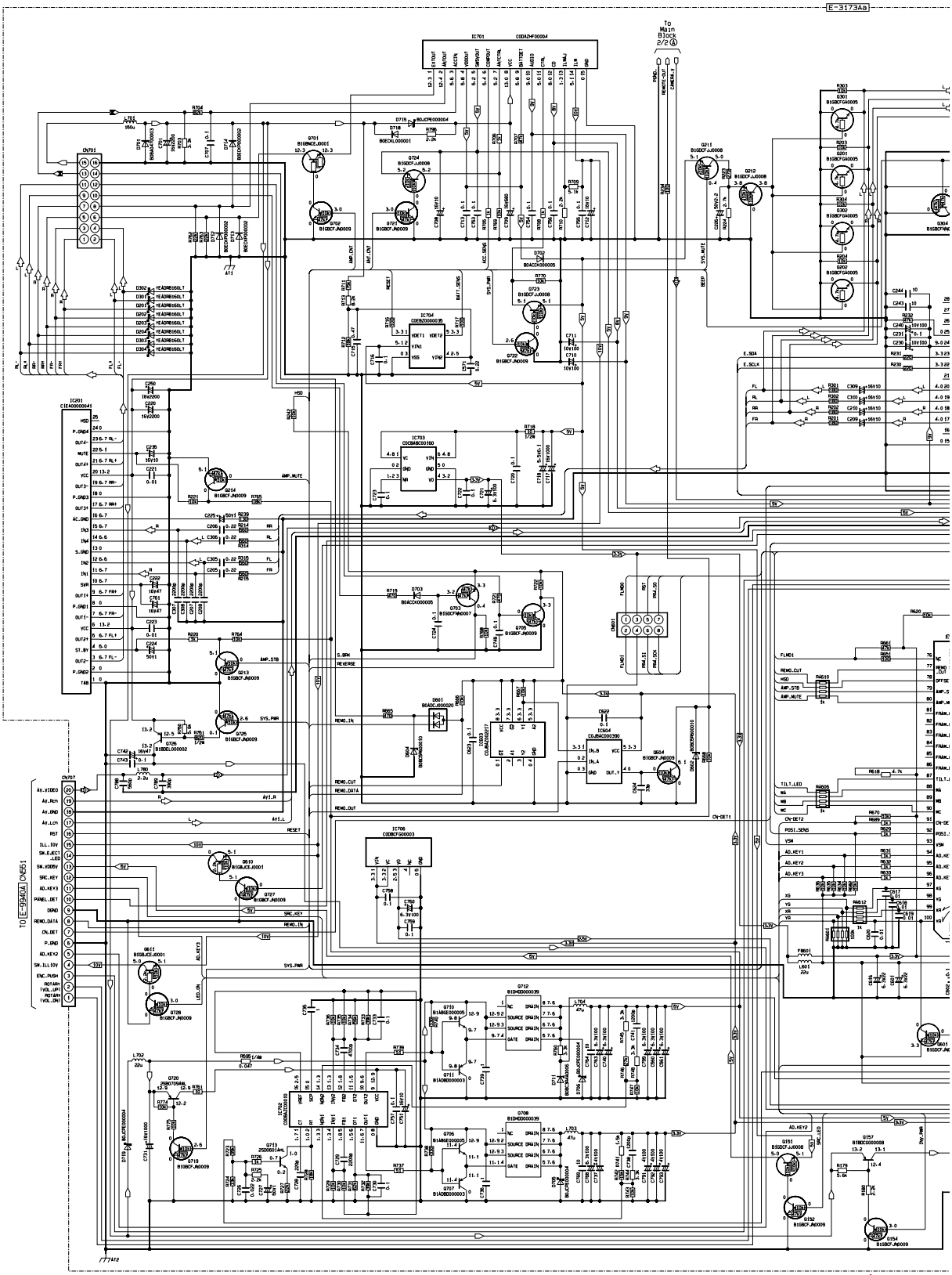


• Item numbers listed below should not order regular spare parts. **(not available)**

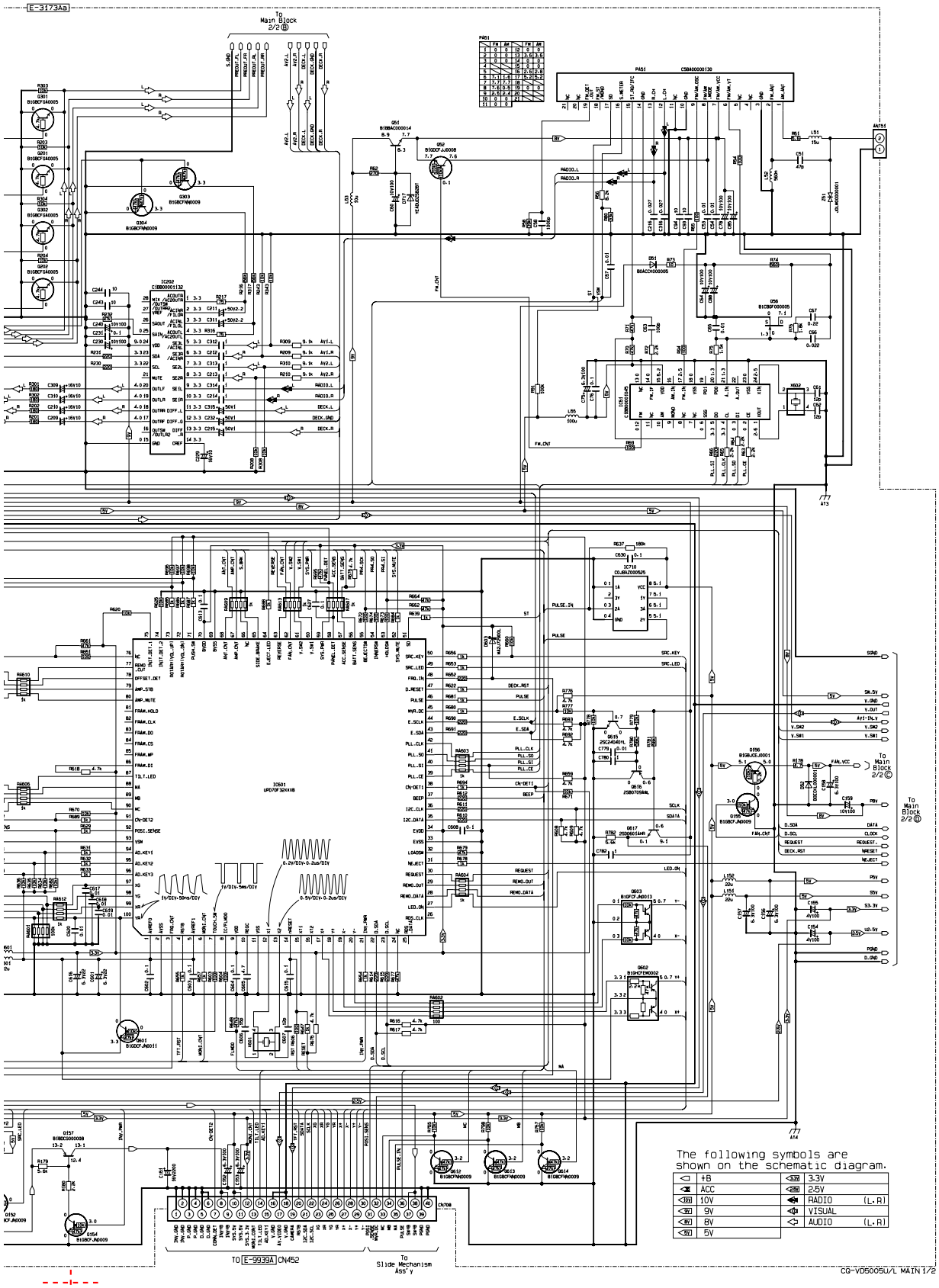
Item No.	Parts No.	Part Name & Description	Q'ty	Remarks
1	-	Inner Carton	1	Not available
2	-	Packing Pad (Left)	1	Not available
3	-	Packing Pad (Right)	1	Not available
4	-	Packing Pad (A)	1	Not available
5	-	Packing Pad (B)	1	Not available
6	-	Packing Pad (C)	1	Not available
7	-	Packing Pad (D)	1	Not available
8	-	Packing Pad (E)	1	Not available
9	-	Operation Instructions	(1)	Not available
	-	Installation Instructions	(1)	Not available
10	YFC054C087CA	Trim Plate	1	
11	YFX214C433CA	Mounting Collar	1	
12	YFX054C077CA	Mounting Spring	2	
13	YEJV01060	Mounting Bolt	1	
14	ZZBISVD7001B	Bis-Kit (Round Head Screw, Flat-Head Screw, Round Head Screw)	1	
15	ZZBISVD7001E	Bis-Kit (Spacer, Double-Faced Adhesive Tape)	1	
16	YAJ024C122CA	Power Connector	1	
17	YEAERA33000K	Conversion Cable for AV1 IN	1	

11 Schematic Diagram for Printing with Letter Size

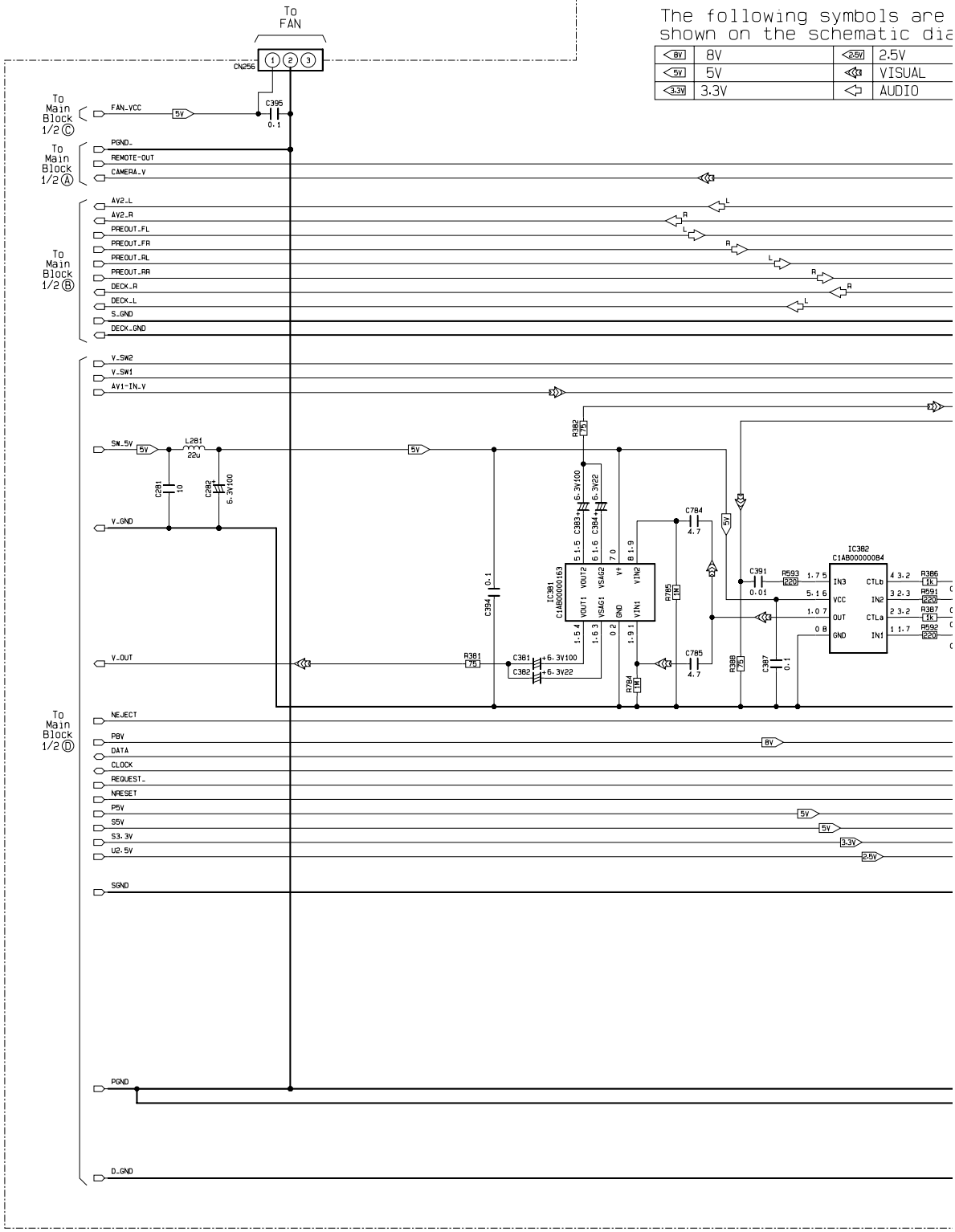
11.1. Main-1 Block (Left Side)



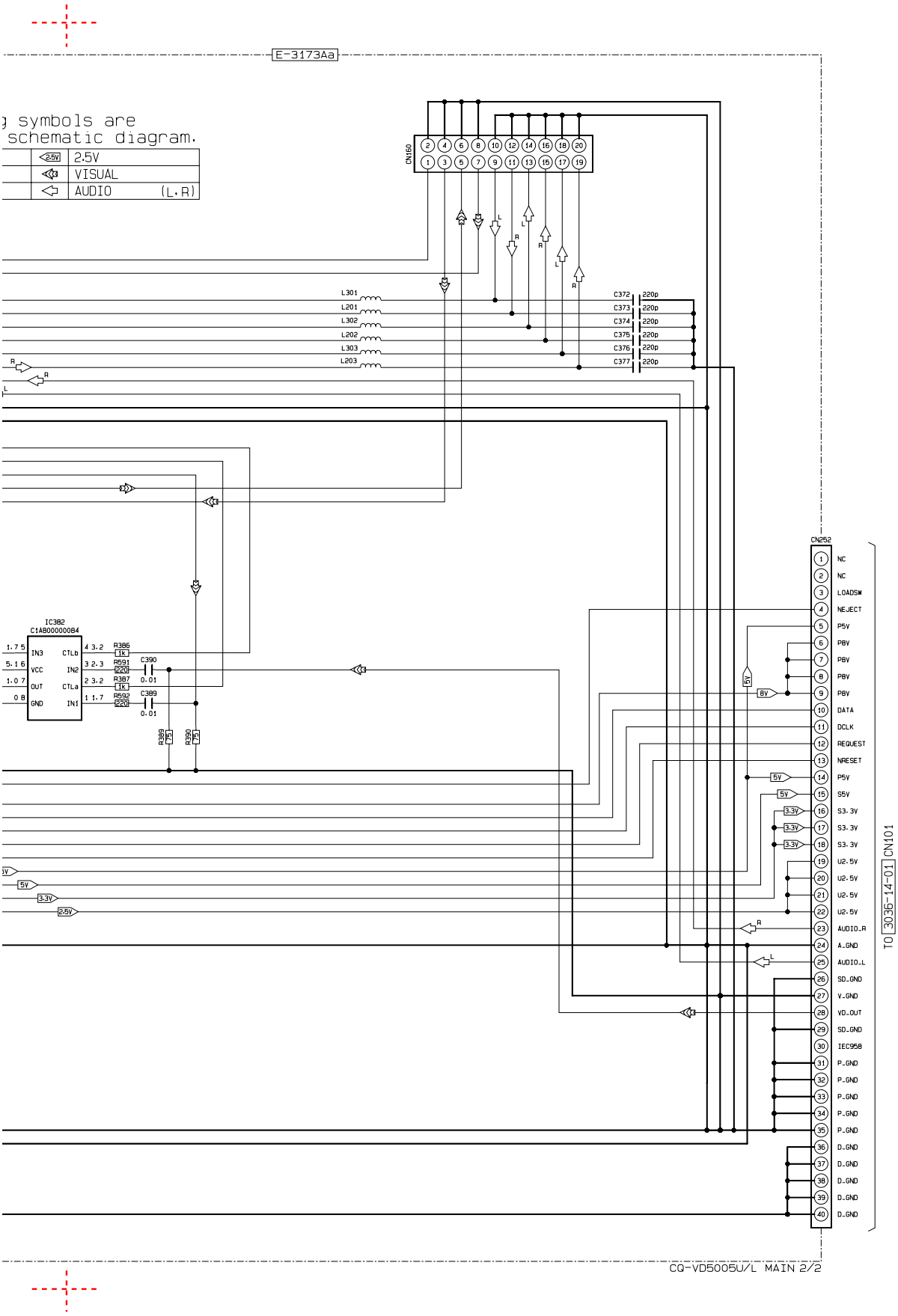
11.2. Main-1 Block (Right Side)



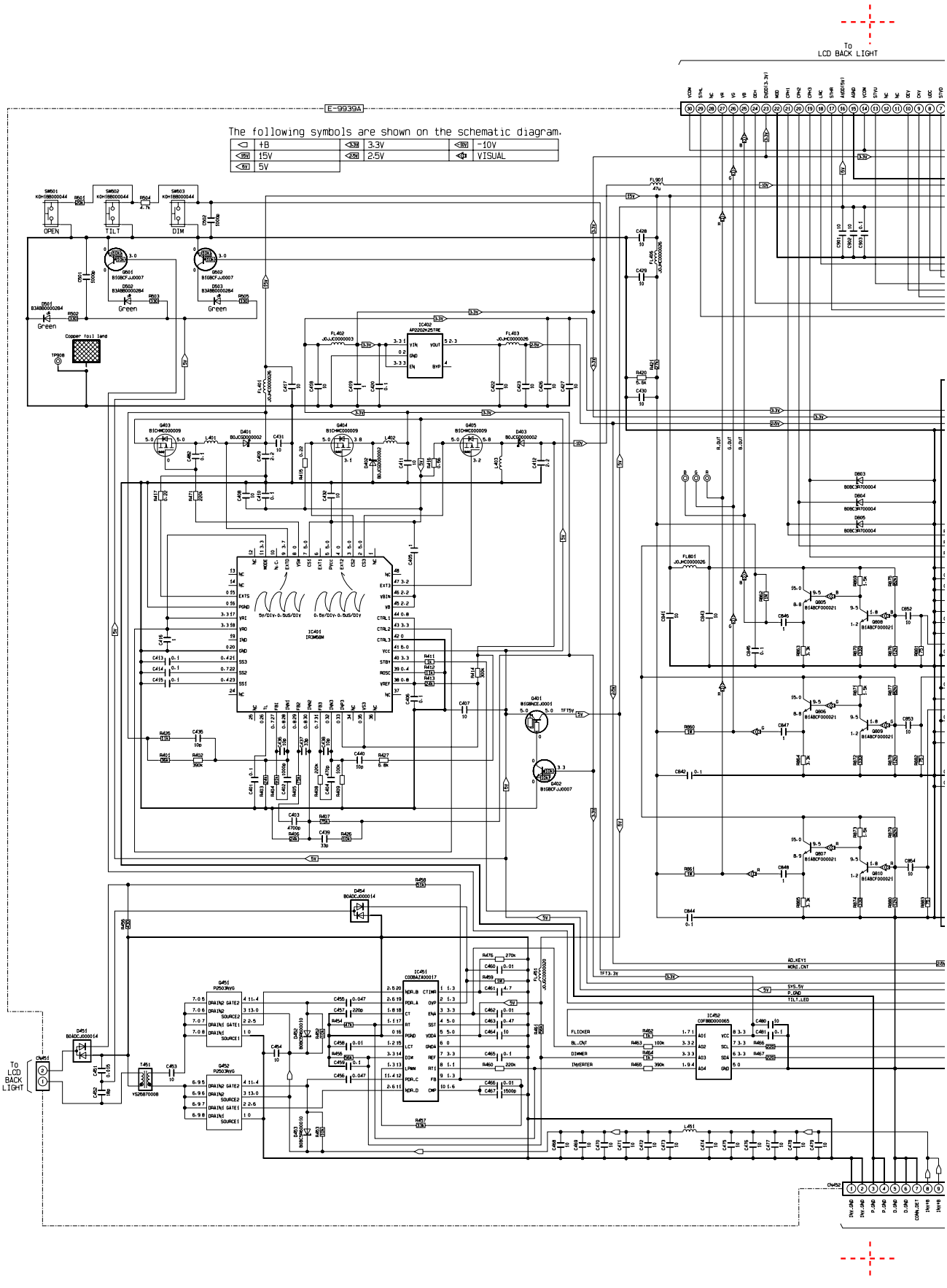
11.3. Main-2 Block (Left Side)



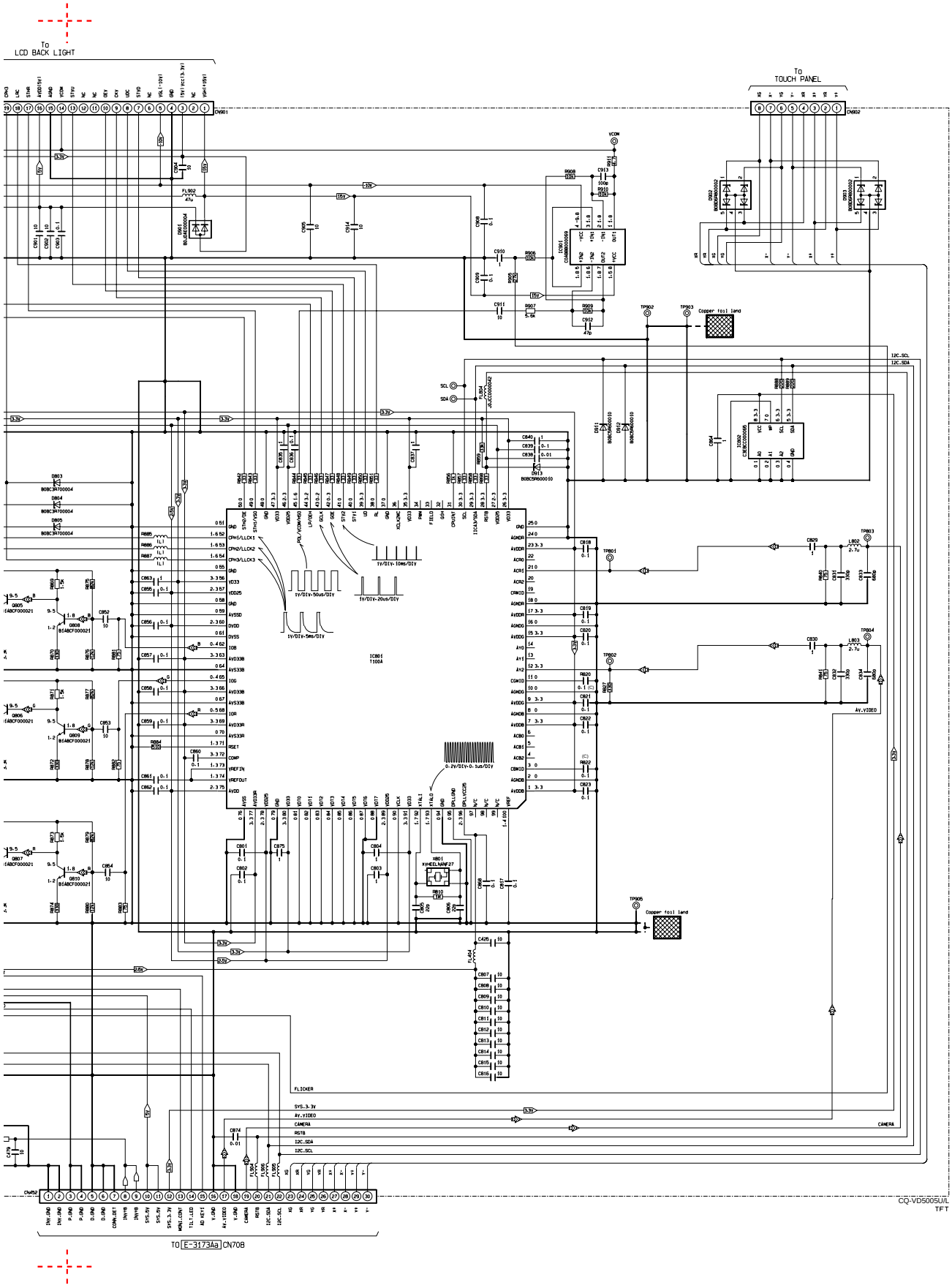
11.4. Main-2 Block (Right Side)



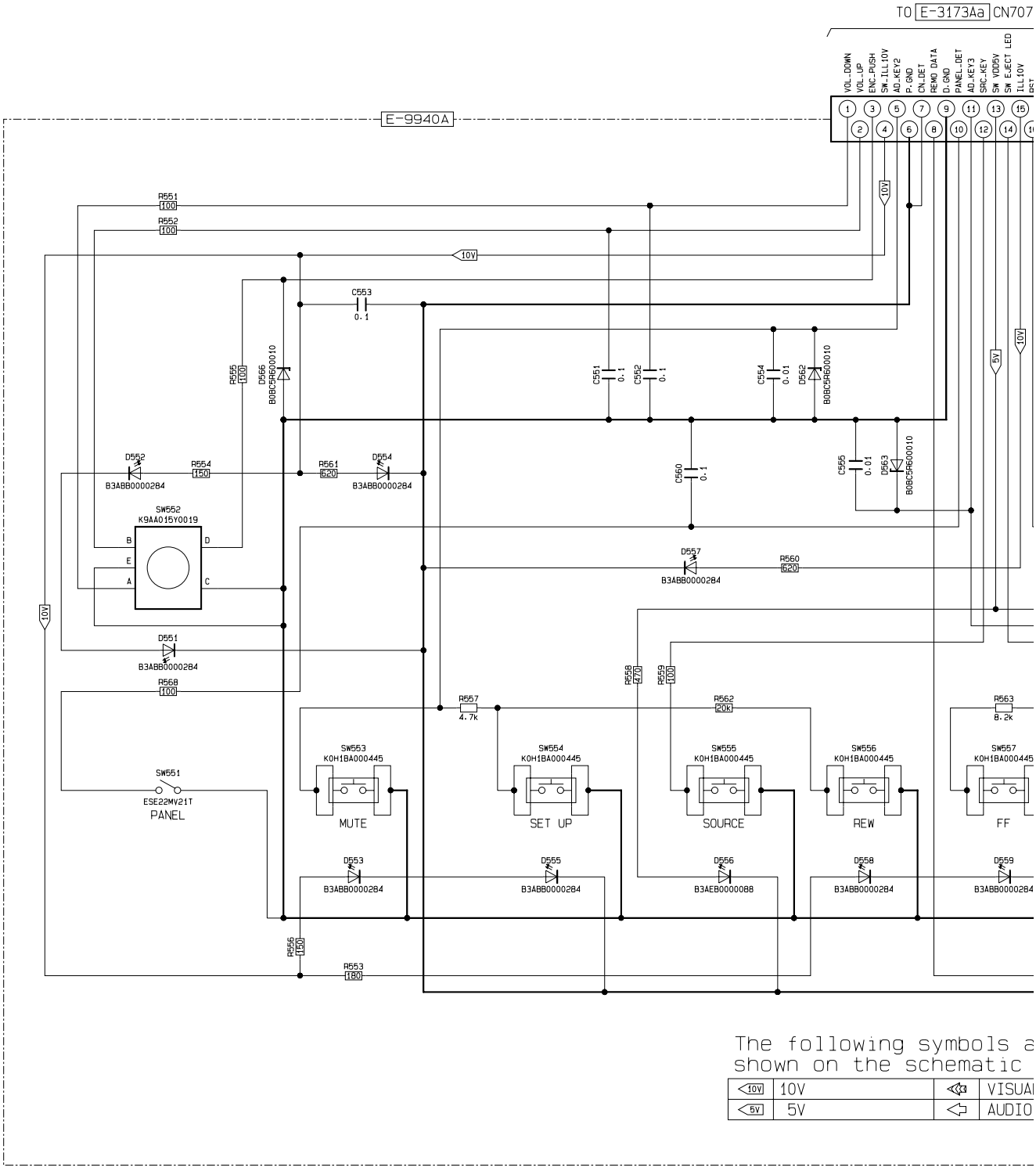
11.5. TFT Block (Left Side)



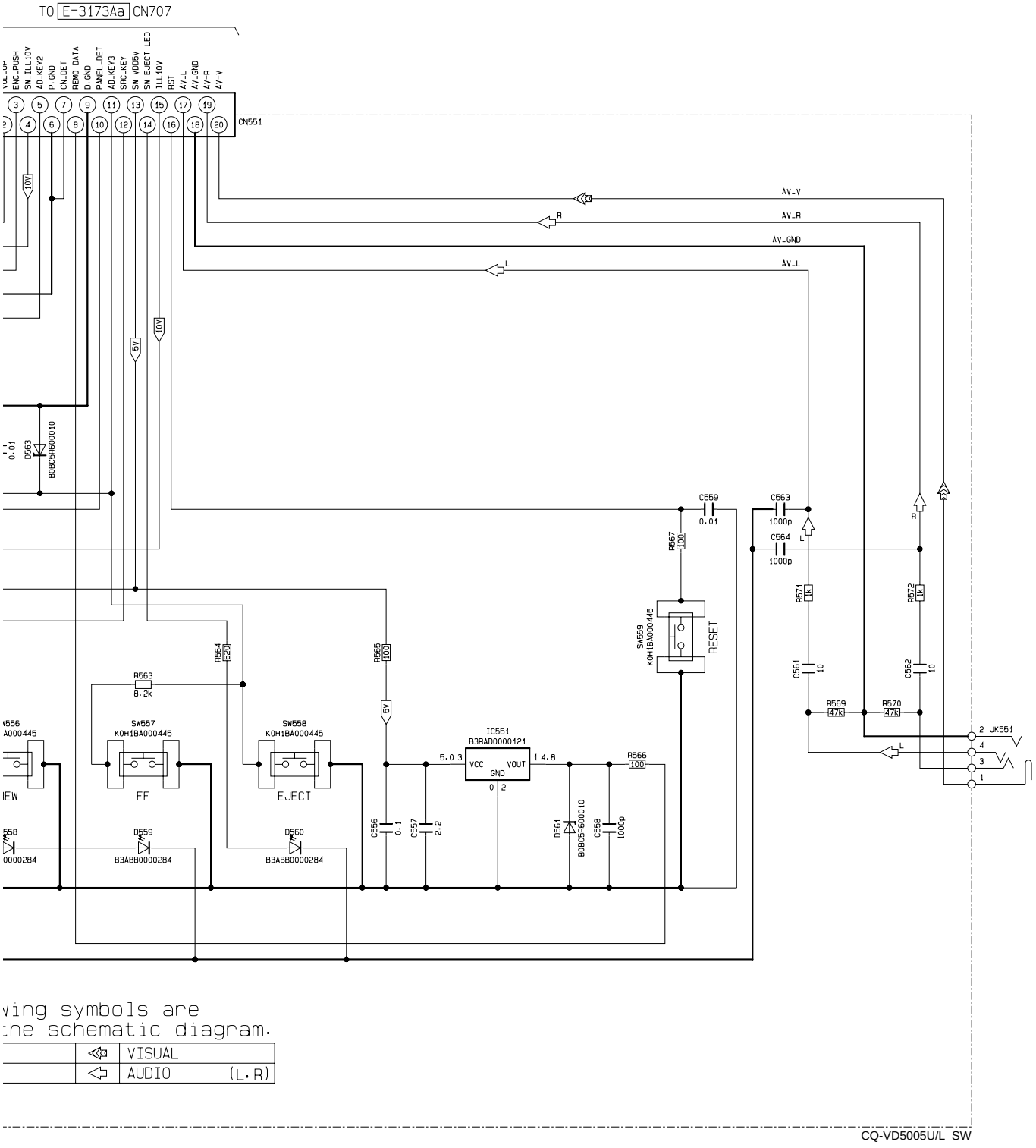
11.6. TFT Block (Right Side)



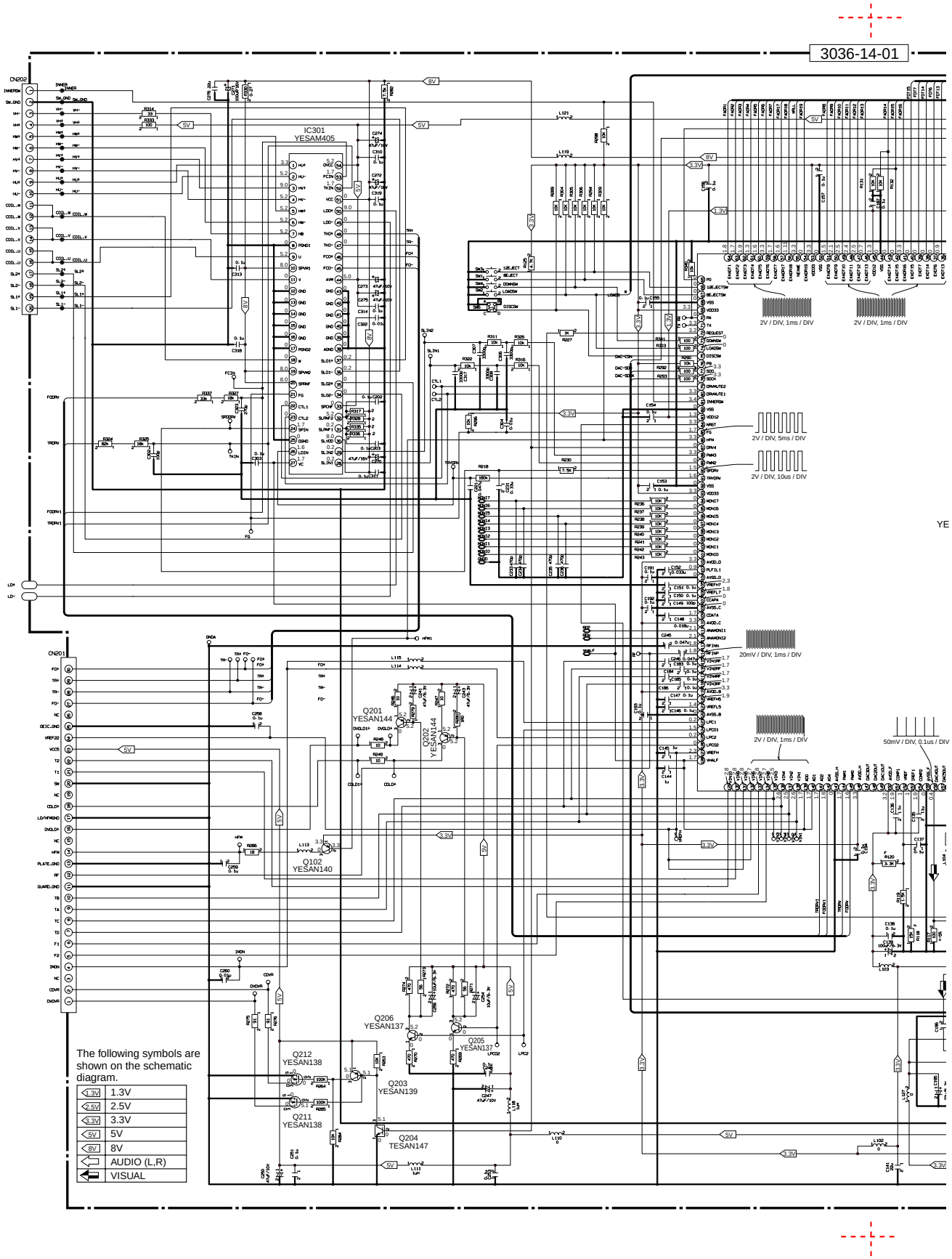
11.7. SW Block (Left Side)



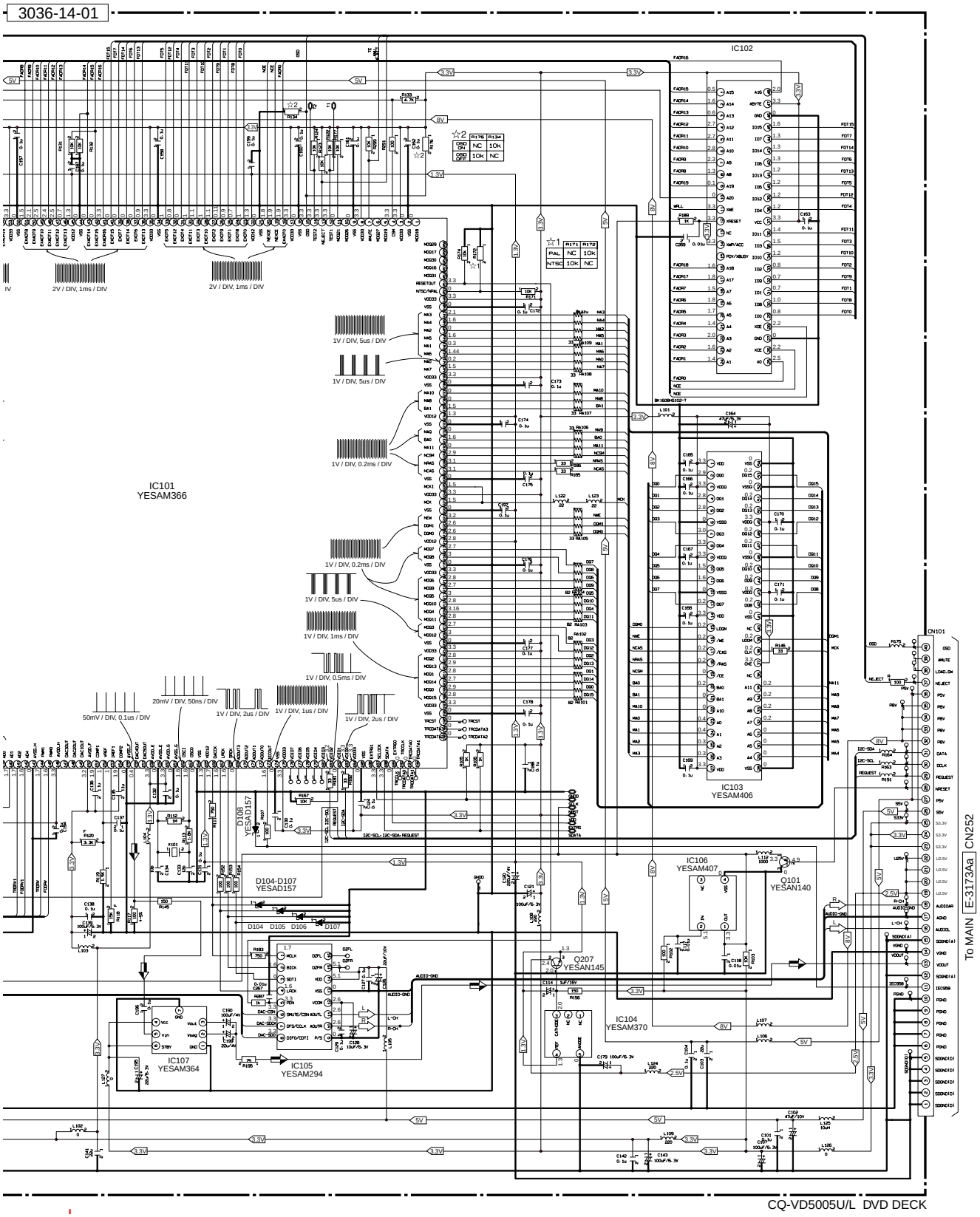
11.8. SW Block (Right Side)



11.9. DVD Servo Block (Left Side)



11.10. DVD Servo Block (Right Side)



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